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# ANNUAL REPORT

OF THE

## SECRETARY OF INTERNAL AFFAIRS

OF THE

COMMONWEALTH OF PENNSYLVANIA.

PART III.

INDUSTRIAL STATISTICS.

VOLUME XXXIII.

1905.

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1905

REPORT  
OF THE  
BUREAU OF INDUSTRIAL STATISTICS.  
  
COMMUNICATION.

Department of Internal Affairs.

Harrisburg, Pa., August 1, 1906.

To His Excellency Samuel W. Pennypacker, Governor of the Commonwealth:

Sir: In compliance with the requirements of the Constitution, I have the honor to submit herewith, for transmission to the General Assembly, the thirty-third annual report of the Bureau of Industrial Statistics, the same being Part III of the reports of this Department.

I am, very respectfully,

Your obedient servant,

ISAAC B. BROWN,

Secretary of Internal Affairs.



## LETTER OF TRANSMITTAL.

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Harrisburg, Pa., August 1, 1906.

Hon. Isaac B. Brown, Secretary, Department of Internal Affairs:

Sir: I have the honor to present herewith the thirty-third annual report of the Bureau of Industrial Statistics. The report completes the tenth year of a ten years' comparative series covering the operations of certain original plants that yet survive. It contains a complete record of the average value of product, average rate of wages paid, number of employes and classes of labor and also capital invested, with other valuable data pertaining to the production of pig iron, iron and steel, tin plate, anthracite, bituminous, river dredged coal and coke of Pennsylvania. The report includes the textile industry of Philadelphia and other cities. Statistics covering strikes and lockouts in the several industries showing those successful and unsuccessful, those arbitrated and not arbitrated, duration of strike, average house rent, number owning their own homes and comments on trade conditions are reported.

Very respectfully yours,

ROBERT C. BAIR,

Chief of Bureau.



## INTRODUCTION.

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The report of the Bureau of Industrial Statistics for 1905 completes the thirty-third year of the Bureau's existence. The Bureau was first authorized by Act of Assembly April 12th, 1872, established under the Constitution December 16th, 1873, and effectively organized by amended Act of Assembly May 11, 1874.

One hundred separate industries and branches thereof are herein reported. The summary of individual or firm reports reveals the substantial power of Pennsylvania enterprise as a great creative force. The figures express the tremendous accumulated and applied energy employed in both the utilization of natural resources and the vast development of artificial products.

Under the influence of liberal laws industrial corporations and individual firms of the State have been encouraged and have increased in numbers, magnitude and strength. This increase is manifest in the number of men, women and children employed, the annual expenditure of money in wages, the value or cost of the several classes of labor, the sum of the capital invested and the market or realized value of product. The total tonnage or quantity of the mines and factories are expressed in remarkable figures. Prosperity is shown by the contentment of the masses and regularity of their employment. The year was notable in labor circles as comparatively free from misunderstandings and effective efforts in avoidance of strikes or lockouts. All these things distinguished 1905 generally as a leading year in a remarkable period of business activity and stability. 1905 eclipses other years by enormous totals. In the Pig Iron industry forty-eight plants report their operations as having a total product of 10,570,803 tons. One hundred and thirty-five Iron and Steel plants report a total finished product of 22,237,870 tons, this amount includes 294,172 tons of black plate. Thirteen Tin Plate firms report their total product of 628,120,359 pounds.

One hundred and nineteen anthracite coal companies representing 291 mines, and 53 washeries, report a total gross tonnage of 61,634,226, (this exclusive of washery coal) and having a market value of \$143,048,605.

467 Bituminous coal operators, representing 1,166 mines, report a total net tonnage of 116,263,504, and a market value of \$104,231,121, of which 27,041,826 tons were coked.



90 coke operators, representing 361 mines, report a total tonnage of 27,041,826 and a value of \$36,532,893.

53 anthracite washeries report a total tonnage of 2,904,900, and market value of \$1,818,062.

48 firms dredging anthracite coal from the bottoms of the Susquehanna and Schuylkill rivers report a total tonnage of 84,924, and a market value of \$73,849.

487 textile manufacturers in the city of Philadelphia report a value on their several products of \$99,671,003.

710 firms comprising the ten years or 1896 Comparative Series report the market value of their product for the year to be \$400,311,210.

Statistics covering the several classes of labor engaged in varied industries form a large part of the subject matter of this report. The one hundred separate industries reporting were examined as to the number of their male, female and minor employes, rate of wages paid in their particular industry, also their nationality, average number of days worked, number of days lost by strike, number of days lost by lockout, number effected by strike, number effected by lockout, average daily wage paid before strike, average daily wage paid after strike, was strike successful or unsuccessful, arbitrated or not arbitrated, duration of strike, average house rent, number of employes who own homes and comments on trade conditions. The answers to the last question furnish interesting and suggestive facts.

It will be observed under the several heads that in "Comments on Trade Conditions," firms assign various causes peculiar to each as effecting their particular operations in Textile, Metal and Mineral industries, but none indicate organic or permanent causes as effecting their substantial welfare or the possibilities of continuing prosperity.

Under the subjects anthracite, bituminous coal and coke, employes in mining are classified as helpers, pick and machine miners inside and outside workmen and breaker boys. Facts secured under these heads are of practical application.

The so-called ten years' comparative series completes its decade, an analysis thereof (noted elsewhere in this report) shows that the past ten years among the manufacturers of this State have witnessed great expansion and growth. Of 919 plants originally considered in 1896, 710 remain in business, 209 by natural causes having subsided. The remaining 710 show by comparison that they exceed the original 919 in capital invested by \$69,175,884, in the number of persons employed 50,806, in the aggregate wages paid by \$39,854,645, in the value of the product by \$176,709,987, in average yearly earnings by \$104.93, in average daily wage by 23 cents.

Intelligent inquiry has developed on the part of employes and



employers as to their legal relations. Demands upon the Bureau multiply for copies of a certain supplemental report heretofore published in connection with the 28th annual report, (the supply of which has become exhausted) necessitating the republication of "Legal Relations of Employers and Employees." For the advantage of the manufacturers and working men of the State, as well as a valuable contribution to public information, the treatise will be again published by the Bureau.

The efforts of the Bureau to broaden the scope of its investigation was halted by the failure of the passage of Senate bill number 470 in the last General Assembly; this bill was prepared by the Department of Internal Affairs on behalf of the Bureau, authorizing reports from industrial associations and labor organizations. The purposes of the bill were misunderstood. By failure of the bill the report will not contain, as proposed, statistics of industrial or labor organizations. The possibility of eventually securing a labor census of the State, and the importance of so doing, constantly increases as the necessity for it is more clearly observed.

To the manufacturers, mine operators, and to all of Pennsylvania who have participated in promptly, carefully and patiently supplying upon request the materials for this report, the thanks of the Bureau are returned, and to their intelligent appreciation of the importance these contributions bear to the industrial record of the State, congratulations.

The Chief takes pleasure in acknowledging the valuable statistical services of the Assistant Chief and the aid of qualified clerks and stenographer of the Bureau.

ROBERT C. BAIR.

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In the last annual report, 1904, it was announced that a bill for enlargement of the scope of industrial statistics by this Bureau would be presented to the Legislature. The Bureau of Statistics has outgrown the "Act of 1874" which created it and it was realized that it required new powers in order that the conditions in industrial affairs, which have greatly changed since 1874, might be more exactly tabulated and controlled statistically. The penalty in the old act was one hundred dollars, being in amount so small it had no mandatory effect and has in certain cases brought proposal from a few firms, when requested to report, "We prefer to pay the fine rather than take the time to answer the Bureau's questions." This, of course, was impractical and impossible.

To the credit of the manufacturer it is to be said, in large part he carefully endeavors to perfect his reports, but occasionally there

comes a declaration declining to do so, assigning as a reason "We cannot do this without great expense of time and labor." While there is no evidence that individuals or firms reporting to the Bureau report otherwise than truthfully, there is an open chance to report falsely, all of which the United States Census Bureau, and other statistical state bureaus, have guarded by a proper fine of one thousand dollars.

Classification of wages is a most vital industrial matter and one in which the Bureau finds there exists the greatest public interest in its work. In view of occurring strikes involving this subject it has become important statistically that a proper classification of male, female and minor labor be reported in all the industries, not under general averages as heretofore, but specifically.

Furthermore, the earnest efforts of the Bureau to secure facts and figures in the hands of labor organizations, which effort was met most cordially by leaders of organized labor in the State, but by reason of neglect on the part of local secretaries the effort was not successful. This, in part, being due to the fact that it was believed that the law under which the Bureau was created did not include labor organizations. If the Bureau is to exercise all its functions it should possess power sufficient to realize its purposes. To this end a bill, moderate but comprehensive, had become necessary. The Bureau, having heretofore won the entire and substantial confidence of representative productive industries of Pennsylvania, and having no purpose to conduct a system or method at variance with well established rules of official investigation, realizes that the bill proposed contained an active principle which could not be otherwise than beneficial in its statistical results, as it provided ways and means by which all the intendments and possibilities of the Bureau from the date of its constitutional creation might be realized, as the amendment will show.

It is gratifying to assure the public that during the thirty-three years of its existence the Bureau of Statistics has moved and been governed by but one rule of action—it has not been inquisitorial, it has impartially inquired, it has been careful to guard the individual report, treating all reports in absolute confidence and publishing annually summaries only of the several great industries it has from time to time examined.

The bill for the purpose mentioned was presented to the Senate by Mr. McPherson, of Adams county, on January 30th, 1905; was reported to the Senate from Judiciary General Committee March 29th, 1905, as Senate bill number 470, file folio 1917. As has been said, the main purpose of the bill was to secure to the annual reports of the Bureau such statistics as industrial associations and labor organizations would furnish in answer to questions, the same in

character as those annually submitted to firms, corporations and individuals.

When the bill had been brought out of Committee it was promptly passed by the Senate. Favorable expressions of opinion were had from many representatives of Bituminous and Anthracite labor organizations, no appropriation being required or additional cost to the State. But, as will be observed in the opposing speeches herewith inserted made in the House of Representatives upon the final passage of the bill, its purpose was entirely misunderstood and obscured. The bill failed in the House and fell for the want of a constitutional majority in final passage.

The following copy of the bill and comments by Representatives are taken from the Legislative Record:

### THE BILL.

An act regulating the election of secretary of Internal Affairs, providing for enlargement of scope of authority in collection of industrial and labor statistics, and providing additional penalties for failure or refusal to make report or for wilfully making false report to the Bureau of Industrial statistics of the Department of Internal Affairs.

The next bill in order was House bill No. 772, file folio 1917 (Senate No. 470), entitled An act to amend the fourth section of an act entitled "An act regulating the election of Secretary of Internal Affairs, defining his duty and fixing his salary, approved the eleventh day of May, Anno Domini one thousand eight hundred and seventy-four," providing for enlargement of scope of authority in the collection of industrial and labor statistics and providing additional penalties for failure or refusal to make report or for wilfully making false report to the Bureau of Industrial Statistics of the Department of Internal Affairs.

The bill was read at length for the third time as follows:  
An act to amend the fourth section of an act entitled "An act regulating the election of Secretary of Internal Affairs, defining his duty and fixing his salary, approved the eleventh day of May, Anno Domini one thousand eight hundred and seventy-four," providing for enlargement of scope of authority in the collection of industrial and labor statistics and providing additional penalties for failure or refusal to make report or for wilfully making false report to the Bureau of Industrial Statistics of the Department of Internal Affairs.

Section 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania, in General Assembly met, and it is hereby enacted by the authority of the same. That the fourth section of an act entitled "An act regulating the election of Secretary of Internal Affairs, defining his duties and fixing his



salary," approved the eleventh day of May, Anno Domini one thousand eight hundred and seventy-four, which reads as follows:

Section 4. "The Secretary of Internal Affairs shall exercise all the powers and perform all the duties which at the time of entering upon his office shall appertain to the office of Surveyor General. His department shall embrace a Bureau of Industrial Statistics, the business of which shall be to impartially inquire into the relations of capital and labor in their bearings upon the social, educational and industrial welfare of all classes of working people and to offer practical suggestions for the improvement of the same.

The said bureau shall further collect, compile and publish such statistics in regard to the wages of labor and the social condition of the laboring classes as may enable the people of the State to judge how far legislation can be evoked to correct existing evils and in order to facilitate the duties herein imposed all corporations, firms or individuals engaged in mining, manufacturing or other business and all persons working for wages within this Commonwealth are hereby required to furnish such statistical information as the chief of said bureau may demand. The chief or duly authorized deputy shall have power to issue subpoenas, administer oaths and take testimony in all matters relating to the duties herein required of said bureau. Any corporation, firm or individual doing business within this Commonwealth who shall neglect or refuse for thirty days to answer questions by circular or upon personal application or who shall refuse to obey the subpoena and give testimony according to the provisions of this act shall be liable to a penalty of one hundred dollars to be collected by order of the Commissioner of Statistics in an action of debt in which the Commonwealth of Pennsylvania shall be plaintiff. The bureau shall also be required to collect, compile and publish annually the productive statistics of agriculture, mining, manufacturing, commercial and other business interests of the State," be and the same is hereby amended to read as follows:

Section 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania, in General Assembly met, and it is hereby enacted by the authority of the same, That the Secretary of Internal Affairs shall exercise all the powers and perform all the duties which at the time of entering upon his office shall appertain to the office of Surveyor General. His department shall embrace a Bureau of Industrial and Labor Statistics, the business of which shall be to impartially inquire into the relations of capital and labor in their bearings upon the social, educational and industrial welfare of all classes of working people and to offer practical suggestions for the improvement of the same.

The said bureau shall collect, compile and publish annually such

statistics in regard to the wages of labor and the social condition of the laboring classes as may enable the people of the State to judge how far legislation can be invoked to correct existing evils, and in order to facilitate the duties herein imposed all corporations, firms, individuals and industrial associations or labor organizations engaged in mining, manufacturing or other business, and all persons working for wages within this Commonwealth are hereby required to furnish such statistical information as the chief of the bureau may demand. The chief or duly authorized deputy shall have power to issue subpoenas, administer oaths and take testimony in all matters relating to the duties herein required of said bureau. Any corporation, firm or individual, industrial association or labor organization existing or doing business within this Commonwealth, neglecting or refusing for thirty days to answer questions or make report upon blanks furnished by the bureau or upon personal application or that shall wilfully make false report, or that shall refuse to obey the subpoena and give testimony according to the provisions of this act shall be liable to a penalty of one thousand dollars, to be collected by order of the chief of the Bureau of Industrial Statistics in an action of debt in which the Commonwealth of Pennsylvania shall be plaintiff. The bureau shall also be authorized to collect, compile and publish annually the productive statistics of agriculture, mining, manufacturing, labor, commerce and of all other business interests of the State.

All acts or parts of acts inconsistent herewith, be and the same are hereby repealed.

Mr. WATKINS. Mr. Speaker, I am unalterably opposed to this bill for the reason that if enacted into a law it will establish a system of espionage rivalling the famous Scotland Yard Detective Agency. If you will closely inspect this measure you will find that it amends the fourth section of the act approved the eleventh day of May, one thousand eight hundred and seventy-four, by extending its provisions to industrial associations and labor organizations. To enlarge the scope of the authority of the Department of Internal Affairs in this particular is to clothe it with inquisitorial powers of an extraordinary character, the nature and extent of which cannot be foreseen. No limitations are laid to the scope of the inquiry which the Chief of the Bureau of Industrial and Labor Statistics is empowered to institute. He is authorized to enter the portals of a local organization, for example, and demand the books, papers, et cetera, and if the secretary neglects or refuses to answer questions or make report upon blanks furnished by the bureau, he is liable to a penalty of one thousand dollars.. This is the iniquitous and vicious part of this bill and is unjust, unfair and inequitable. These labor

organizations are supported and maintained solely and entirely by contributions from individual members just as the kindred fraternal organizations are supported and maintained, and to aver that the Department of Industrial Statistics are in need of such information from these labor organizations as will improve the social, educational and industrial welfare of all classes of laboring people, is to betray the real purpose of the department. No good reason can be advanced for the passage of this measure, and this House will perform a public service by voting down all attempt to exact from labor organizations information that can conserve no public benefit. I sincerely trust that the House will defeat this measure.

Mr. PUSEY. Mr. Speaker, it seems to me the interpretation placed upon this bill by the gentleman from Lackawanna county is entirely wrong. The act is mandatory simply of what is now the law. It is not intended as a system of espionage. It is a bill for the welfare of the wage earners of Pennsylvania, and it provides a more complete system for the Secretary of Internal Affairs to gather valuable information. The present law requires the report of every corporation, firm or individual.

That might be comprehensive enough and for the good of the whole people and answers proper questions for statistical information.

The words industrial associations and labor organizations have been included. I should think that they would welcome it. They should be glad to do all they can in these matters which are to the welfare of the wage earner.

Mr. STROUP. Mr. Speaker, I desire to interrogate the gentleman from Delaware, Mr. Pusey.

The SPEAKER. The gentleman from Dauphin, Mr. Stroup, desires to interrogate the gentleman from Delaware, Mr. Pusey. Will the gentleman allow himself to be interrogated?

Mr. PUSEY. Mr. Speaker, certainly.

Mr. STROUP. Mr. Speaker, I would like the gentleman to explain to me why any labor organization should be compelled to divulge the record of the organization if they do not feel inclined to do so.

Mr. PUSEY. Mr. Speaker, there is nothing in this bill that asks for any private records; it asks for statistical information. The present law requires that of every corporation, firm or individual. This has nothing to do with finances or dues; it is for statistical information, for the benefit of the wage-earners. I cannot see any harm in it.

Mr. GARNER. Mr. Speaker, I was just wondering who would take up the side of the Department, and I might have known who



would have spoken for the creation of new offices, the advance of salaries, and every other thing that goes with it. This bill contains a snake, a great big long ruby-eyed snake. The gentleman from Delaware has tried to make you believe this bill only asks for statistics. It is not true. The bill in section one says that a part of the duty of this bureau shall be to inquire into the relations of capital and labor in their bearing upon the social, educational and industrial welfare of all classes of working people. That means that this department could be used to work on the secrets of every labor organization in this State. The labor people of this State are not afraid to be investigated, but when you want to investigate the laboring people why not include the corporations as well? Do you mean to tell me this department will get satisfactory results from a corporations as to the price of coal, as to how much it costs to mine a ton of coal; as to whether the coal companies fix the price of coal or not? No; they never will, because you and I know who have been here for years, know who does. There is no need for this bill. Nobody has asked for it on the miners' side so far as I know, and they are here against it, and the only person that wants it is the department itself, because the next Legislature they will come and want more salaries to carry out this enormous lot of work that you forced on them.

Mr. MOYER. Mr. Speaker, I move the further consideration of this bill be postponed for the present.

Mr. WRIGLEY. Mr. Speaker, I second the motion.

The question being,

Will the House agree to the motion?

It was not agreed to.

The question being,

Will the House agree to the bill on third reading?

It was agreed to.

The SPEAKER. The bill has been read three times at length, upon three separate days, considered and agreed to. It is now upon its final passage. Agreeably to the provisions of the Constitution the yeas and nays will now be taken, and the Clerk will proceed with the call.

On the question,

Shall the bill pass finally?

Agreeably to the provisions of the Constitution, the yeas and nays were taken. Yeas 64, nays 93, absent, not voting 46.

Less than a majority required by the Constitution having voted in the affirmative, the question was determined in the negative, therefore the bill falls.

## AN ACT

Regulating the employment of minor children in or about any anthracite coal mine or colliery; prohibiting the employment of any child under the age of sixteen years inside of any anthracite coal mine; prohibiting the employment of any child under fourteen years of age in or about any anthracite coal-breaker or colliery, or the outside workings thereof; prohibiting the employment of any minor child, of any age, in or about either the inside workings of any anthracite coal mine or in or about any anthracite coal-breaker or colliery, or the outside workings thereof, unless the person, firm, copartnership or corporation, employing said minor child, shall first obtain and file the employment certificate, as provided for by this act, and carry out the other duties provided by this act; fixing the duties of the common school superintendents, or, in the absence of such an officer, then that of the principal teacher of any city, borough or township, as relates to the issuance of said employment certificates and the other duties provided by this act; declaring what said employment certificate shall contain; providing for the form and wording of said employment certificates and the issuance of the blank-forms by the department of Mines of this Commonwealth; making false swearing to any certificate provided for by this act to be perjury, and punishable as such; providing that the failure of any employer of minor children to produce the certificate required by this act, upon demand of the proper persons, shall be prima facie evidence of the illegal employment of said minor children; fixing the duty of truant or school attendance officers, as to carrying out the provisions of this act; giving to the common school superintendent, or, in the absence of such an official, then to the principal teacher of any city, borough or township, the same power to administer oaths or affirmations as is now given to notaries public, in all matters connected with the proper enforcement of this act; providing a penalty for the violation of the provisions of this act.

Section 1. Be it enacted, &c., That it shall be unlawful for any person, firm, copartnership or corporation to employ any minor child, under the age of sixteen years, inside of any anthracite coal mine, or to employ any minor child, under the age of fourteen years, in any anthracite coal breaker or colliery, or around the outside workings of any anthracite coal mine.

Section 2. It shall be the duty of the Chief of the Department of Mines of this Commonwealth, and the right of any citizen of this Commonwealth, in the name of the Commonwealth of Pennsylvania, upon any violation of the provisions of section one of this act, to bring suit in the court of common pleas of the county wherein said offense or violation occurred; and if, upon the trial of the case, the jury shall find that such violation did occur, they shall render a verdict against the offending party or parties, to an amount equal to ten dollars for each and every day said minor child or children were employed contrary to the provisions of this act; said amounts



when collected, to be paid into the State Treasury, for the use of the Commonwealth; and the State Treasurer shall return one-half of the fine or fines so collected to the school-district in which the child, so illegally employed, resided.

Section 3. It shall be unlawful for any person, firm, copartnership or corporation to employ any minor child in or about any anthracite coal mine or colliery, or to permit any such minor child to work in or around any anthracite coal mine or colliery unless the person, firm, copartnership or corporation, employing said child or permitting said minor child to work, is furnished with and keeps on file an employment certificate, as hereinafter prescribed, and maintains a complete list of such children employed. Such lists and employment certificates at all times during the employment of such minor children, shall be subject to the inspection of any common school superintendent, any truant or attendance officer of any school-district, the Chief of the Department of Mines of this Commonwealth, or any mine inspector, and shall be returned to each child when his or her employment shall cease.

Section 4. It shall be the duty of the city, borough or township common school superintendents within their various jurisdictions, and of the principal teacher, where no common school superintendent has jurisdiction, or their duly authorized deputies, to issue the employment certificates provided for in this act; but no principal teacher shall be authorized to issue said employment certificates within any district under a duly authorized common school superintendent. The district of such city, borough or township superintendent or principal teacher shall be the same as that in which the child seeking an employment certificate resides. Said employment certificate shall only be issued after the affidavits and documents hereinafter prescribed have received careful consideration by said common school superintendent or principal teacher, as the case may be, or their duly authorized deputies, as aforesaid; and no fee or emolument shall be charged for issuing the same.

Section 5. An affidavit, in duplicate, as to the age of any child under sixteen years seeking an employment certificate, shall be made by the father, mother, guardian or custodian of the child; and shall set forth the place and date of his or her birth, and the date and place of his or her baptism or circumcision, if any; shall be accompanied by a certificate of the registration of birth, baptism or circumcision of such child, as kept by any religious denomination; or by a certificate of the registration of his or her birth, as kept by any public authority, or, in the case of a foreign-born child, a true copy of passenger-manifest, passport or other official record, filed at the office of the Commissioner of Immigration, at the port of arrival.

Section 6. The employment certificate required by the third sec-

tion of this act, shall consist of the affidavit as to age, made before the city, borough or township common school superintendent, or principal teacher, as aforesaid, or their duly authorized deputies; and the other certificate, as herein provided, together with the certificate of approval by the said common school superintendent or principal teacher, as the case may be, or their duly authorized deputies, as hereinbefore provided, and shall be called employment certificate number one, and shall be in form following:

Employment Certificate, Number 1.

Commonwealth of Pennsylvania, }  
County of ..... } ss

1. Affidavit of parent, guardian or custodian.

.....being duly sworn (or affirmed) according to law, deposes and says: I am the (father, mother, guardian or custodian) of (name of child), and that to the best of my knowledge and belief (he or she) was born at (name of village, township, town or city) in the State (or country) of ..... , on the (here state day, month and year of birth), and is now (state years and months of age), and that (he or she) was baptised (or circumcised) in the (state name of church) at (name of place), in the state (or country) of ..... on the (state day, month and year of baptism or circumcision).

(Signature of person making oath).

2. Examination and approval of affidavit and certificates.

Personally appeared before me the above named (name of person signing), this .....day of ....., Anno Domini one thousand nine hundred ....., at (town or city), and made oath that the aforesaid affidavit signed by (him or her) is true, to the best of (his or her) knowledge and belief. I hereby approved the foregoing affidavit as to age of (name of child); height, (feet and inches); eyes, (color); complexion, (dark or fair); hair, (color). I hereby certify that I have examined the affidavits of (parent, guardian or custodian), the certificate of religious record of birth, baptism or circumcision, the certificate of public registration of birth, the passport, or other official immigration record (strike out the alternative certificates not presented); and find that these certificates or certificate agree in every particular with the statements of the affidavit. These certificates or certificate furnish proof that (he or she) is now ..... years of age. I further certify, that (he or she) can read at sight, and write legibly simple sentences in the English language, has complied with the education laws of this Commonwealth now in force, and may be employed at such times and in such employments as the laws of this Commonwealth permit such children to be employed.

This certificate belongs to (name of child), and is to be surrendered to (him or her) when (he or she) leaves the service of the corporation, firm, copartnership, or person employing the same and holding this certificate, and if not claimed by such child within thirty days from such time shall be returned to the said common school superintendent or principal teacher, as the case may be.

(Signature of person authorized to approve and sign, with official character and authority).

Provided, That where no certificate of registration of birth, baptism or circumcision of such child is obtainable, or, in case of a foreign-born child, no copy of passenger-manifest, passport or other official record of the child's age is obtainable, such certificate or copy may be substituted by an affidavit, by the father, mother, guardian or custodian of such child, setting forth his or her age, and date and place of his or her birth; which affidavit shall be accompanied by a statement of the principal teacher of the last school which said child attended, certifying that such child has received instruction in reading, spelling, writing, English grammar and geography, and is familiar with the fundamental operations of arithmetic, to and including fractions; in which case the Employment Certificate shall be called employment certificate number two, and shall be in form following:

#### Employment Certificate, Number 2.

Commonwealth of Pennsylvania, }  
County of ..... } ss

##### 1. Affidavit of parent, guardian or custodian.

.....being duly sworn (or affirmed) according to law, deposes and says: I am the (father, mother, guardian or custodian) of (name of child), and that, to the best of my knowledge and belief (he or she) was born at (name village, township, town or city), in the State (or country) of ..... on the (here state day, month and year of birth), and is now (state years and months of age), and that (he or she) was baptised (or circumcised) in the (state name of church) at (name of place), in the state (or country) of ....., on the (state day, month and year of baptism or circumcision).

(Signature of person making oath).

##### 2. Examination of affidavit and school record.

Personally appeared before me the above named (name of person signing), this .....day of ....., Anno Domini nine hundred ....., at (town or city), and made oath that the aforesaid affidavit signed by (him or her) is true, to the best of (his or her) knowledge and belief. I hereby approve the



foregoing affidavit as to age of (name of child); height, (feet and inches); eyes, (color); complexion, (dark or fair); hair, (color). Having no sufficient reason to doubt that (he or she) is of the age therein certified, I hereby certify that (he or she) can read at sight, and write legibly simple sentences in the English language; that (he or she) has regularly attended the public schools, or schools equivalent thereto, during the year previous to applying for such school record, and for the period required by the compulsory attendance laws of this Commonwealth. I have examined the certificate furnished by the principal teacher of the last school which said child attended, which states that (he or she) has received instruction in reading, spelling, writing, English grammar, and geography, and is familiar with the fundamental operation of arithmetic, to and including fractions. I have further satisfied myself that the certificate required by law as to proof of age cannot be produced, for good cause, and said child may be employed at such times and in such employments as the laws of this Commonwealth permit children to be employed.

This certificate belongs to (name of child), and is to be surrendered to (him or her) when (he or she) leaves the service of the corporation, copartnership, firm or person or employer, holding the same; but if not claimed by said child within thirty days from such time, it shall be returned to the said common school superintendent or principal teacher, as the case may be.

(Signature of person authorized to approve and sign, with official character or authority.)

Section 7. The blank-forms of these several certificates shall be furnished, free of charge, by the Department of Mines of this Commonwealth, upon application by the proper persons, and shall be uniform throughout the State. A duplicate of each employment certificate shall be filled out and kept on file by the city, borough or township common school superintendent, or the principal teacher in localities not under the jurisdiction of any city, borough or township superintendent issuing the certificate, together with a certificate of the registration of birth, baptism or circumcision, or, in case of a foreign-born child, a copy of passenger-manifest, passport, or other official record, as herein provided by this act.

Section 8. False swearing to any affidavit given in accordance with the provisions of this act shall constitute perjury, and be punishable as such.

Section 9. A failure to produce to the common school superintendent, any truant or attendance officer, the Chief of the Department of Mines of this Commonwealth, or any mine inspectors, an employment certificate and the list required by this act, when requested so to do, shall be prima facie evidence of the illegal employment of any minor child whose employment certificate is not produced or whose

name is not so listed; and it shall be the duty of the Chief of the Department of Mines of this Commonwealth, and the right of any citizen of this Commonwealth, in the name of the Commonwealth of Pennsylvania, upon any violation of the provisions of this act providing for the keeping and filing of said employment certificate and list of minor children, to bring suit in the court of common pleas of the county wherein said violation occurred; and if, upon the trial of the case, the jury shall find such violation actually did occur, they shall render a verdict against the offending party or parties to an amount equal to ten dollars for each and every day said minor child or children were employed contrary to the provisions of this act; said amounts, when collected, to be paid into the State Treasury for the use of the Commonwealth; and the State Treasurer shall return one-half of the fine or fines so collected to the school-district in which the child, so illegally employed, resided.

Section 11. Truant or school attendance officers shall report any cases of such illegal employment to the city, borough or township superintendent, or to the principal teacher in localities not under the jurisdiction of any city, borough or township superintendent, and to the Inspector of Mines of the district.

Section 12. The city, borough or township superintendent, and the principal teachers in localities not within the jurisdiction of any common school superintendent, and their duly authorized deputies, shall have the power to administer oaths and affirmations in all matters where persons desire to swear to, affirm or verify any documents or affidavits necessary to properly carry out the provisions of this act.

Section 13. Nothing in this act shall be so construed as to make the employers of minor children liable to the penalties herein mentioned for the illegal employment of said minor children before the fifteenth day of October, Anno Domini one thousand nine hundred and five.

Section 14. All acts or parts of acts inconsistent with the provisions of this act be and the same are hereby repealed.

Approved—The 2d day of May, A. D. 1905.

SAML W. PENNYPACKER.

## AN ACT

To regulate the employment, in all kinds of industrial establishments, of women and children employed at wages or salary, by regulating the age at which minors can be employed and the mode of certifying the same, and by fixing the hours of labor for women and minors; to provide for the safety of all employes in all industrial establishments, and of men, women and children in school-houses, academies, seminaries, colleges, hotels, hospitals, store-houses, office buildings, public halls and places of amusements, in which proper fire-escapes, exits and extinguishers are required; to provide for the health of all employes, and of men, women and children in all such establishments, storehouses and buildings by proper sanitary appliances; and to provide for the appointment of inspectors, office clerks and others, who, with the Chief Factory Inspector, shall constitute the Department of Factory Inspection, to enforce the same, and providing penalties for violations of the provisions thereof; fixing the term and salaries of the Chief Factory Inspector and his appointees.

Section 1. Be it enacted, &c., That the term "establishment," where used for the purpose of this act, shall mean any place within this Commonwealth other than where domestic, coal-mining or farm labor is employed; where men, women or children are engaged, and paid a salary or wages, by any person, firm or corporation, and where such men, women or children are employes, in the general acceptance of the term.

Section 2. No child under fourteen years of age shall be employed in any establishment.

Section 3. No minor under sixteen, and no female, shall be employed in any establishment for a longer period than sixty hours in any one week, nor for a longer period than twelve hours in any one day. No minor under sixteen shall be employed in any establishment between the hours of nine post meridian and six ante meridian: Provided, That where the material in process of manufacture requires the application of manual labor for an extended period after nine o'clock post meridian, to prevent waste or destruction of said material, male minors over fourteen years of age, and who have not been employed in or about such establishment between the hours of six ante meridian and nine post meridian, may be employed, for not more than nine consecutive hours in any one day, after nine post meridian: And provided further, That in establishments where night work is hereby permitted to prevent waste or destruction, and where the nature of the employment requires two or more working-shifts in the twenty-four hours, males over fourteen years of age may be employed, partly by day and partly by night: Provided, Said employment does not exceed nine consecutive hours: And provided further, That retail mercantile establishments shall be exempt from the provisions of this section on Saturday of each week, and during a period of twenty days beginning with the fifth day of December and ending with the



twenty-fourth day of the same month: Provided, That during the said twenty days preceding the twenty-fourth day of December, the working hours shall not exceed ten hours per day, or sixty hours per week.

Section 4. No minor under sixteen years of age shall be permitted to clean or oil machinery while in motion, or to operate, or otherwise have the care or custody of, any elevator or lift.

Section 5. It shall be unlawful for the owner, superintendent, lessee, or other person in charge of any establishment where persons are employed for wages or salary, to employ any child between the ages of fourteen and sixteen years, unless there is first provided, and placed on file in the office of the establishment where said child is employed, a certificate in the form provided by the Chief Factory Inspector, which certificate shall be uniform throughout the State. It shall be the duty of the Factory Inspector or any of his office force, the deputy factory inspectors, or of the city or borough common school superintendents within their various jurisdictions, or of the principal teacher of the common schools in localities not under the jurisdiction of any city or borough superintendent, or of their respective duly authorized deputies, to issue the employment certificate hereinafter prescribed. No principal teacher shall be authorized to issue said employment certificate within any district over which a superintendent has jurisdiction. The district of such city or borough superintendent or principal teacher shall be the same as that in which the child seeking an employment certificate resides.

Section 6. The employment certificate shall state the name, age, date, place of birth, and description (including color of eyes, hair and complexion) of said child, its residence, and the residence of its parent, guardian or custodian, and the ability of said child to read and write simple sentences in the English language, that it has complied with the educational laws of the Commonwealth, and is physically able to perform the work to be required of it.

Provided, That before any such certificate of employment is issued, the person authorized to issue the same shall first demand and obtain of the parent, guardian or custodian of said child an affidavit, sworn to before any officer authorized to administer oaths, made by him or her, stating the age, date and place of birth of said child; and shall further demand and obtain a certificate of said child's birth, as kept by any public authority, or, transcript of the record of its birth, baptism or circumcision, as kept by any religious denomination, or, in the case of a foreign-born child (if such evidence of age be lacking), a true copy of the passenger manifest, passport or official record filed at the office of the Commissioner of Immigration at the port of arrival, as corroborative evidence of the truth of the facts set forth in the affidavit; and shall note in his statement,

as aforesaid, the character of such record and by what public or religious authority the same is issued: Provided, however, That where no such transcript of public or religious record, or passenger manifest, passport or official record, as aforesaid, of said child's age is obtainable, the same may be substituted by a statement signed by the principal teacher of the last school which said child attended, certifying that said child has received instruction in reading, spelling, writing, English grammar, and geography, and is familiar with the fundamental operations of arithmetic and has completed the course of study in the common schools prescribed for the first five years, or a course of study in other schools equivalent thereto. At the time of the issue of the employment certificate, the person so issuing the same shall make one copy thereof, which copy shall be filed, within ten days from the date of its issue, in the office of the common school superintendent in the district in which the child holding the certificate resides; and in districts not having such a superintendent, the said copy shall be filed in the office of the Chief Factory Inspector, and shall be subject to the inspection of the public. The certificate of the registration of birth, baptism or circumcision, or, in the case of a foreign-born child, the copy of passenger manifest, passport or official record, as hereinbefore prescribed, or, in the absence of such transcripts, the statement of the principal teacher, certifying that such child has received instruction as prescribed, as well as the affidavit of the parent, guardian or custodian shall be filed with a copy of said employment certificate. The certificate when issued shall be the property of the said child, who shall be entitled to a surrender of the certificate to him or her by the employer whenever said child shall leave the service of any employer holding the certificate.

Section 7. Every person, firm or corporation employing girls or adult women, in any establishment, shall provide suitable seats for their use, and shall permit such use when the employes are not necessarily engaged in active duties.

Section 8. Every person, firm or corporation employing males and females in the same establishment shall provide for such employes suitable and proper wash and dressing-rooms, and water closets for males and females; and the water-closets, wash and dressing-rooms used by females shall not adjoin those used by males, but shall be built entirely away from them, and shall be properly screened and ventilated; and all water-closets shall at all times be kept in a clean and sanitary condition.

Section 9. Not less than one hour shall be allowed for the noon-day meal in any establishment. But the Chief Factory Inspector may, for good cause, reduce the time for the noonday meal in estab-



ishments where all the other provisions of this act are observed, which entail duties upon the part of employers.

Section 10. Every person, firm or corporation employing men, women or children, in any establishment, shall post and keep posted in a conspicuous place, in every room where such help is employed, a printed copy of the factory laws, a printed notice stating the number of hours per day for each day of the week required of such persons; and in every room where children under sixteen years of age are employed, a list of their names, with their ages.

Section 11. The owner or person in charge of an establishment where machinery is used shall provide belt shifters or other mechanical contrivances for the purpose of throwing on or off belts or pulleys. Whenever practicable, all machinery shall be provided with loose pulleys. All vats, pans, saws, planers, cogs, gearing, belting, shafting, set-screws, grindstones, emery-wheels, fly-wheels, and machinery of every description shall be properly guarded. The floor space of no working-room in any establishment shall be so crowded with machinery as thereby to cause risk to the life or limb of an employe, nor shall there be in any establishment machinery in excess of the sustaining powers of the floors and walls thereof. No person shall remove or make ineffective any safeguard around or attached to machinery, vats or pans while the same are in use, except for the purpose of immediately making repairs thereto, and all such safeguards so removed shall be properly replaced. Exhaust fans of sufficient power, or other sufficient devices, shall be provided for the purpose of carrying off poisonous fumes and gases, and dust from emery-wheels, grind-stones and other machinery creating dust. If a machine or any part thereof is in a dangerous condition, or is not properly guarded, the use thereof may be prohibited by the Chief Factory Inspector or by his deputy, and a notice to that effect shall be attached thereto. Such notice shall not be removed until the machinery is made safe and the required safeguards are provided, and in the meantime such unsafe or dangerous machinery shall not be used.

Section 12. The owner, agent, lessee, superintendent, or other person having charge or managerial control of any establishment, hotel, hospital, apartment-house or other building, where elevators, hoisting-shafts, lifts or well-holes are used, shall cause the same to be properly and substantially enclosed, secured or guarded; and shall provide such proper traps or automatic doors, so fastened in or at all elevator-ways, except elevators enclosed on all sides, as to form a substantial surface when closed, and so constructed as to open and close by action of the elevator in its passage, either ascending or descending. The cable, gearing or other apparatus of elevators, hoisters, or lifts, shall be kept in a safe condition: Provided,

That the provisions of this section shall not apply to cities of the first and second classes.

Section 13. The owner, agent, lessee, or other person having charge or managerial control of any establishment, shall provide or cause to be provided not less than two hundred and fifty cubic feet of air-space for each and every person in every work-room in said establishment, where persons are employed, and shall provide that all work-rooms, halls and stairways in said establishment be kept in a clean and sanitary condition and properly lighted.

Section 14. No person, firm or corporation engaged in the manufacture or sale of clothing or other wearing apparel, cigars or cigarettes, shall bargain or contract with any person, firm or corporation for the manufacture, or partial manufacture, of any of said articles or goods where the same are to be made in any kitchen, living-room or bed-room in any tenement-house or dwelling-house, except where the persons bargaining or contracting to make or partially make any of the aforesaid articles or goods are resident members of the family, residing in such tenement-house or dwelling-house where the said articles or goods are to be made or partially made, and who have furnished the person, firm or corporation engaged in the manufacture or sale of said articles or goods, and with whom the bargain or contract is to be made, a certificate from the board of health, of the city or town in which such tenement-house or dwelling-house is situated, that the same is free from any infectious or contagious disease; which certificate may be revoked by the board of health whenever the exigencies of the case shall require: Provided, That the term "family" in this section shall include only the parents and their children, or the children of either.

Section 15. No person, firm or corporation engaged in the manufacture or sale of any of the articles or goods enumerated in section fourteen of this act, shall bargain or contract with any person, firm or corporation for the manufacture, or partial manufacture, of any of the said articles or goods in any workshop, not part of a tenement or dwelling-house, unless the said workshop shall have been inspected by the Chief Factory Inspector or by one of his deputies, and who shall have issued a printed permit to the person in charge of such workshop, stating that the same is in a clean and safe and sanitary condition, and fixing the maximum limit to the number of persons who may be employed therein; the permit to be posted and kept posted in a conspicuous place in such workshop: Provided, That this section shall not apply to any workshop wherein the aforesaid articles or goods are manufactured for the general trade, and are to be sold and delivered in or upon the premises, and are not manufactured, or partially manufactured, under a bargain or contract with any person, firm or corporation employed in the manufacture and sale of the article aforesaid.

Section 16. Whenever the sanitary conditions of any workshop, as defined in section fifteen, is dangerous to the health and safety of the employes therein or to the public, the Chief Factory Inspector or his deputy shall cancel the permit aforesaid, and shall order that the workshop be vacated until the provisions of this act shall have been complied with and the workshop restored to proper sanitary condition.

Section 17. All persons, firms and corporations engaged in the manufacture or baking of bread, cakes, crackers, pastry, pretzels or macaroni, for public sale, shall keep their room or rooms for baking, mixing, storing, or sale of flour or other grain products separate and apart from any sleeping-room, water-closet, urinal, defective drain or sewer pipe, and shall not permit the harboring of any domestic animal therein. The floors of all baking, mixing, storing and sales-rooms shall be kept clean and tightly joined and free from crevices, and the walls and ceilings shall be painted, kalsomined or whitewashed as often as twice in each year, and oftener, if, in the opinion of the Chief Factory Inspector or his deputy, the safety of the employes or the public shall require.

Section 18. When the foregoing provisions of section seventeen are complied with, the Chief Factory Inspector or his deputy shall issue to the owner or person in charge of such bakeshop a permit, stating that the same is in a clean and sanitary condition; which permit shall be posted and kept posted in the office or salesroom of the bakeshop, aforesaid; but when any of the foregoing provisions of section seventeen are not being complied with in any bakeshop, the Chief Factory Inspector or his deputy shall issue to the person in charge, or his representatives, a written order to comply with the law aforesaid, within ten days; or he may order the closing of any such bakeshop until the order shall have been complied with, should the safety of the employes or the public, in his opinion, so require.

Section 19. All boilers used for generating steam or heat in any establishment shall be kept in good order, and the owner, agent or lessee of such establishment shall have said boilers inspected, by a casualty company in which said boilers are insured, or by any other competent person approved by the Chief Factory Inspector, once in twelve months, and shall file a certificate showing the result thereof, in the office of such establishment, and shall send a duplicate thereof to the Department of Factory Inspection. Each boiler or nest of boilers used for generating steam or heat in any establishment shall be provided with a proper safety-valve and with steam and water-gauges, to show, respectively, the pressure of steam and the height of water in the boilers. Every boiler-house, in which a boiler or nest of boilers is placed, shall be provided with a steam-gauge prop-



erly connected with the boilers, and another steam-gauge shall be attached to the steam pipe in the engine-house, and so placed that the engineer or fireman can readily ascertain the pressure carried. Nothing in this section shall apply to boilers which are regularly inspected by competent inspectors, acting under local laws and ordinances.

Section 20. It shall be the duty of the owner or superintendent of any establishment to report, in writing, to the Chief Factory Inspector every serious accident or serious injury done to any person in his or her employ, where such accident or serious injury occurred in or about the premises where employed, within twenty-four hours after the accident or injury occurs, stating as fully as possible the cause of such accident or injury; and in all fatal and serious accidents the Chief Factory Inspector or his deputy may subpoena witnesses, administer oaths, and do whatever may be necessary in order to make a thorough and complete investigation of the same: Provided however, That the provisions of this section shall not be constructed as interfering with the duties of coroners, under existing laws.

Section 21. It shall be the duty of the owner, superintendent, assistant or person in charge of any establishment to furnish, from time to time, to the Chief Factory Inspector or his deputy any information required by the provisions of this act, and the Chief Factory Inspector and his deputies shall have authority to inspect any such establishment, at any time, for the purpose of enforcing the provisions of this act.

Section 22. That wherever the law makes it the duty of the owner, lessee, or other person in charge of any building, or room or rooms in any building, to erect and maintain fire-escapes, or appliances for the extinguishment of fire, or for proper and sufficient exits in case of fire or panic, the Chief Factory Inspector or his deputy shall inspect all said buildings, or the room or rooms in said buildings, and notify the owners, lessees, or other persons in charge of same, to comply with said law. And all fire-escapes, exits and fire extinguishing appliances shall be provided and located by order of the Chief Factory Inspector or his deputy, and shall be subject to the approval of the Chief Factory Inspector or his deputy: Provided, That the provisions of this section shall not apply to cities of the first and second classes.

Section 23. Any person who violates any of the provisions of the foregoing sections of this act, or who suffers any female, minor or a child to be employed in or about his or her establishment, in violation of any of the provisions of the foregoing sections of this act, or who, being authorized to administer oaths, shall violate any of the provisions of sections five and six of this act, shall be deemed guilty

of a misdemeanor, and, on conviction, shall be punished by a fine of not less than twenty-five dollars and not more than five hundred dollars, or an imprisonment in the county jail for a term not less than ten days nor more than sixty days, for each and every such violation. In all cases the prosecution shall be instituted, in the name of the Commonwealth, by the deputy factory inspector of the district where the offense is alleged to have been committed, and the hearing shall be conducted by the alderman, justice of the peace or other committing magistrate before whom the information is lodged. After full hearing of the parties in interest, the alderman, justice of the peace or other committing magistrate shall, if the evidence warrants it, impose the penalty herein provided, which shall be final to the party against whom the penalty is imposed, unless the party upon whom the penalty is imposed shall furnish good and sufficient bail for his or her appearance at the next term of the court of quarter sessions of the county wherein the offense is alleged to have been committed.

Section 24. All fines imposed and collected for any violation of this act shall be forwarded to the Chief of the Department of Factory Inspection, who shall pay the same into the office of the State Treasurer, for the use of the Commonwealth.

Section 25. The Chief Factory Inspector shall prepare the form of the employment certificate for children, and the permits, blanks, orders and notices required by this act; the same to be printed in accordance with the laws regulating printing and publishing, under the supervision of the Superintendent of Public Printing and Binding. He shall also divide the State into inspection districts, and assign one of the deputy factory inspectors to each district, and may transfer any of the said inspectors from one district to another, and make such rules and regulations governing their employment as the best interests of the service shall require. And he, the deputy factory inspector, and those employed in the office of the Chief Factory Inspector, shall have the same power to administer oaths or affirmations as is now given to notaries public, in all cases where any person desires to verify documents necessary and incident to the issuing of employment certificates for children.

Section 26. After the first day of January in each year, the Chief Factory Inspector shall compile or cause to be compiled a succinct statistical and narrative report, to be addressed to the Governor of the Commonwealth, of the work of his department for the year ending December thirty-first.

Section 27. To more effectually secure the observance of the provisions of this act and the fire-escape laws, the Governor shall appoint, by and with the advice and consent of the Senate, a Chief Factory Inspector, for a term of four years, at a salary of five

thousand dollars per annum; and who shall appoint a chief clerk, at a salary of two thousand dollars per annum; a statistician, at a salary of eighteen hundred dollars per annum; an assistant clerk, at a salary of fourteen hundred dollars per annum; a messenger, who shall be a typewriter, at a salary of twelve hundred dollars per annum, and thirty-nine deputy factory inspectors, five of whom shall be women, at a salary of twelve hundred dollars each, per annum, and their necessary traveling expenses; the Chief Factory Inspector and his appointees, aforesaid, to constitute the Department of Factory Inspection.

Section 28. All acts or parts of acts inconsistent with the provisions of this act are hereby repealed.

Approved—The 2d day of May, A. D. 1905.

SAML. W. PENNYPACKER.

The foregoing is a true and correct copy of the act of the General Assembly No. 226.

FRANK M. FULLER,

Secretary of the Commonwealth.

## COMPARATIVE STATISTICS OF MANUFACTURES. 1896 SERIES.

This Series considers, under separate heads, the subjects: Capital Invested, Cost of Basic Material, Average Number of Days in Operation, Number of Workmen Employed, Aggregate Wages, Market Value of Product, Average Value of Production for Each Workman Employed, Average Yearly Earnings, Average Daily Wage, Relative Per Cent. Basic Material to Value of Production, Relative Per Cent. Wages to Value of Production, Total Production in Tons or given quantity.

### CAPITAL INVESTED.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

(NOTE—In this table the aggregate amount of capital invested by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are considered.)

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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#### TOOL STEEL.

1896, .....	3	\$480,000	\$	\$
1897, .....	3	608,000	+128,000	.....
1898, .....	3	690,000	+82,000	.....
1899, .....	3	690,000	.....	.....
1900, .....	3	1,050,000	+360,000	.....
1901, .....	3	1,050,000	.....	.....
1902, .....	3	695,000	—355,000	.....
1903, .....	3	795,000	+100,000	.....
1904, .....	3	795,000	.....	.....
1905, .....	3	795,000	.....	+315,000

#### IRON AND STEEL FORGINGS.

1896, .....	5	281,000	.....	.....
1897, .....	5	281,000	.....	.....
1898, .....	5	333,850	+52,850	.....
1899, .....	5	350,800	+16,950	.....
1900, .....	5	347,100	—3,700	.....
1901, .....	5	436,000	+88,900	.....
1902, .....	5	452,200	+16,200	.....
1903, .....	5	635,600	+183,400	.....
1904, .....	5	702,500	+66,900	.....
1905, .....	5	757,935	+55,435	+476,935



## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## MALLEABLE IRON.

1896, .....	4	\$440,000	\$	\$
1897, .....	4	493,925	+53,925	.....
1898, .....	4	532,600	+38,675	.....
1899, .....	4	1,527,533	+994,933	.....
1900, .....	4	1,524,280	—3,253	.....
1901, .....	4	1,594,090	+69,810	.....
1902, .....	4	2,295,903	+701,813	.....
1903, .....	4	2,601,905	+306,002	.....
1904, .....	4	2,666,317	+64,412	.....
1905, .....	4	3,149,392	+483,075	+2,709,392

## BOLTS, NUTS, ETC.

1896, .....	7	1,754,000	.....	.....
1897, .....	7	1,776,264	+22,264	.....
1898, .....	7	1,787,994	+11,730	.....
1899, .....	7	1,811,116	+23,112	.....
1900, .....	7	1,825,562	+14,446	.....
1901, .....	7	1,850,648	+25,086	.....
1902, .....	7	1,927,341	+76,693	.....
1903, .....	7	2,132,260	+204,919	.....
1904, .....	7	2,132,260	.....	.....
1905, .....	7	2,131,000	—1,260	+377,000

## WIRE NAILS, RIVETS, ETC.

1896, .....	3	505,000	.....	.....
1897, .....	3	515,000	+10,000	.....
1898, .....	3	512,950	—2,050	.....
1899, .....	3	545,000	+32,050	.....
1900, .....	3	525,000	—20,000	.....
1901, .....	3	535,000	+10,000	.....
1902, .....	3	878,625	+343,625	.....
1903, .....	3	919,055	+40,430	.....
1904, .....	3	935,536	+16,481	.....
1905, .....	3	1,017,421	+81,885	+512,421



CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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TACKS AND SMALL NAILS.

1896, .....	2	\$109,000	\$	\$
1897, .....	3	109,000	.....	.....
1898, .....	3	69,000	-40,000	.....
1899, .....	3	109,000	+40,000	.....
1900, .....	3	109,000	.....	.....
1901, .....	3	104,000	-5,000	.....
1902, .....	3	104,000	.....	.....
1903, .....	3	104,000	.....	.....
1904, .....	3	104,000	.....	.....
1905, .....	3	121,000	+17,000	+12,000

WIRE.

1896, .....	4	130,000	.....	.....
1897, .....	4	132,100	+2,100	.....
1898, .....	4	145,500	+13,400	.....
1899, .....	4	255,800	+110,300	.....
1900, .....	4	261,800	+6,000	.....
1901, .....	4	268,000	+6,200	.....
1902, .....	4	268,000	.....	.....
1903, .....	4	215,100	-52,900	.....
1904, .....	4	332,375	+117,275	.....
1905, .....	4	332,375	.....	+202,375

WIRE ROPE.

1896, .....	2	690,000	.....	.....
1897, .....	2	700,000	+10,000	.....
1898, .....	2	700,000	.....	.....
1899, .....	2	700,000	.....	.....
1900, .....	2	1,100,000	+400,000	.....
1901, .....	2	1,400,000	+300,000	.....
1902, .....	2	1,400,000	.....	.....
1903, .....	2	1,407,669	+7,669	.....
1904, .....	2	1,407,669	.....	.....
1905, .....	2	1,491,169	+83,500	+801,169

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WIRE GOODS.				
1896, .....	5	\$150,950	\$	\$
1897, .....	5	154,450	+3,500	.....
1898, .....	5	155,050	+ 500	.....
1899, .....	5	170,550	+15,500	.....
1900, .....	5	167,916	—2,634	.....
1901, .....	5	169,989	+2,073	.....
1902, .....	5	178,068	+8,079	.....
1903, .....	5	178,760	+692	.....
1904, .....	5	181,410	+2,650	.....
1905, .....	5	182,705	+1,295	+31,755
WAGON AND CARRIAGE AXLES AND SPRINGS.				
1896, .....	4	537,000	.....	.....
1897, .....	4	537,000	.....	.....
1898, .....	4	547,000	+10,000	.....
1899, .....	4	555,000	+8,000	.....
1900, .....	4	547,454	—7,546	.....
1901, .....	4	559,642	+12,188	.....
1902, .....	4	559,388	—254	.....
1903, .....	4	558,994	—394	.....
1904, .....	4	490,779	+131,785	.....
1905, .....	4	499,200	+8,421	—37,800
SCALES, ETC.				
1896, .....	3	126,000	.....	.....
1897, .....	3	131,000	+5,000	.....
1898, .....	3	136,000	+5,000	.....
1899, .....	3	166,000	+30,000	.....
1900, .....	3	176,000	+10,000	.....
1901, .....	3	177,000	+1,000	.....
1902, .....	3	186,000	+9,000	.....
1903, .....	3	191,000	+5,000	.....
1904, .....	3	401,000	+210,000	.....
1905, .....	3	421,000	+20,000	+295,000

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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STOVES, RANGES, HEATERS,  
ETC.

1896, .....	28	\$5,288,362	\$	\$
1897, .....	28	5,351,359	+62,997	.....
1898, .....	28	5,423,761	+72,402	.....
1899, .....	28	5,359,899	—63,862	.....
1900, .....	28	7,191,316	+1,831,417	.....
1901, .....	28	7,179,895	—11,421	.....
1902, .....	28	7,004,747	—175,148	.....
1903, .....	28	7,097,904	+93,157	.....
1904, .....	28	7,704,379	+606,475	.....
1905, .....	28	6,970,500	—733,879	+1,682,138

## BATH BOILERS, TANKS, ETC.

1896, .....	2	52,820	.....	.....
1897, .....	2	54,000	+1,180	.....
1898, .....	2	54,000	.....	.....
1899, .....	2	59,000	+5,000	.....
1900, .....	2	59,000	.....	.....
1901, .....	2	59,000	.....	.....
1902, .....	2	59,000	.....	.....
1903, .....	2	75,000	+16,000	.....
1904, .....	2	99,243	+24,243	.....
1905, .....	2	105,500	+6,257	+52,680

## HARDWARE SPECIALTIES.

1896, .....	12	2,950,906	.....	.....
1897, .....	12	3,124,106	+173,200	.....
1898, .....	12	3,195,412	+71,306	.....
1899, .....	12	3,413,276	+217,864	.....
1900, .....	12	3,442,303	+29,027	.....
1901, .....	12	3,388,920	—53,383	.....
1902, .....	12	3,640,307	+251,387	.....
1903, .....	12	3,906,562	+266,255	.....
1904, .....	12	3,955,930	+49,368	.....
1905, .....	12	4,037,539	+81,609	+1,086,633

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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## EDGE TOOLS.

1896, .....	12	\$1,675,197	\$	\$
1897, .....	12	1,613,064	—62,133	.....
1898, .....	12	1,646,820	+33,756	.....
1899, .....	12	1,233,793	—413,027	.....
1900, .....	12	1,689,815	+456,022	.....
1901, .....	12	1,725,640	+35,825	.....
1902, .....	12	1,774,931	+49,291	.....
1903, .....	12	1,805,179	+30,248	.....
1904, .....	12	1,933,128	+127,949	.....
1905, .....	12	1,428,460	—504,668	—246,737

## WRENCHES, PICKS, ETC.

1896, .....	5	564,000	.....	.....
1897, .....	5	571,000	+7,000	.....
1898, .....	5	571,000	.....	.....
1899, .....	5	571,000	.....	.....
1900, .....	5	575,000	+4,000	.....
1901, .....	5	575,000	.....	.....
1902, .....	5	595,000	+20,000	.....
1903, .....	5	525,000	—70,000	.....
1904, .....	5	522,416	—2,584	.....
1905, .....	5	538,472	+16,056	—25,528

LOCOMOTIVES AND CARS  
BUILT AND REPAIRED.

1896, .....	3	1,464,400	.....	.....
1897, .....	3	1,464,400	.....	.....
1898, .....	3	1,442,800	—21,600	.....
1899, .....	3	1,461,400	+18,600	.....
1900, .....	3	1,461,400	.....	.....
1901, .....	3	1,520,800	+59,400	.....
1902, .....	3	1,547,000	+26,200	.....
1903, .....	3	1,597,700	+50,700	.....
1904, .....	3	1,844,750	+247,050	.....
1905, .....	3	1,915,500	+70,750	+451,100



## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WROUGHT IRON PIPE AND TUBES.				
1896, .....	5	\$13,555,000	\$	\$
1897, .....	5	13,505,000	—50,000	.....
1898, .....	5	13,505,000	.....	.....
1899, .....	5	14,101,131	+596,131	.....
1900, .....	5	14,101,131	.....	.....
1901, .....	5	14,101,131	.....	.....
1902, .....	5	14,101,131	.....	.....
1903, .....	5	14,101,131	.....	.....
1904, .....	5	14,101,131	.....	.....
1905, .....	5	14,101,131	.....	+546,131
CAST IRON PIPE.				
1896, .....	3	340,000	.....	.....
1897, .....	3	613,059	+273,059	.....
1898, .....	3	641,710	+28,651	.....
1899, .....	3	896,776	+255,066	.....
1900, .....	3	896,776	.....	.....
1901, .....	3	916,776	+20,000	.....
1902, .....	3	1,016,776	+100,000	.....
1903, .....	3	574,215	—442,561	.....
1904, .....	3	579,215	+5,000	.....
1905, .....	3	603,500	+24,285	+263,500
BRASS, COPPER AND BRONZE GOODS.				
1896, .....	18	1,818,192	.....	.....
1897, .....	18	1,808,192	—10,000	.....
1898, .....	18	1,818,450	+10,258	.....
1899, .....	18	1,840,750	+22,300	.....
1900, .....	18	1,974,667	+133,917	.....
1901, .....	18	2,131,616	+156,949	.....
1902, .....	18	2,221,516	+89,900	.....
1903, .....	18	2,817,383	+595,867	.....
1904, .....	18	3,309,200	+491,817	.....
1905, .....	18	3,285,850	—23,350	+1,467,658

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## IRON AND STEEL BRIDGES.

1896, .....	7	\$961,050	\$	\$
1897, .....	7	961,050	.....	.....
1898, .....	7	961,050	.....	.....
1899, .....	7	1,001,050	+40,000	.....
1900, .....	7	1,901,050	+900,000	.....
1901, .....	7	1,951,050	+50,000	.....
1902, .....	7	2,081,050	+130,000	.....
1903, .....	7	2,251,050	+170,000	.....
1904, .....	7	2,940,050	+689,000	.....
1905, .....	7	3,142,800	+202,750	+2,181,750

LOCOMOTIVES, STATIONARY  
ENGINES, ETC.

1896, .....	9	11,222,730	.....	.....
1897, .....	9	11,643,157	+420,427	.....
1898, .....	9	12,118,787	+475,630	.....
1899, .....	9	12,956,218	+837,431	.....
1900, .....	9	13,417,380	+461,162	.....
1901, .....	9	15,440,434	+2,023,054	.....
1902, .....	9	18,195,556	+2,755,122	.....
1903, .....	9	18,651,397	+455,841	.....
1904, .....	9	19,874,861	+1,223,464	.....
1905, .....	9	21,292,594	+1,417,733	+10,069,864

## ENGINES, BOILERS, ETC.

1896, .....	9	3,641,988	.....	.....
1897, .....	9	3,657,988	+16,000	.....
1898, .....	9	3,663,783	+5,795	.....
1899, .....	9	3,769,999	+106,216	.....
1900, .....	9	3,847,000	+77,001	.....
1901, .....	9	4,070,000	+223,000	.....
1902, .....	9	4,415,550	+345,550	.....
1903, .....	9	4,654,134	+238,584	.....
1904, .....	9	4,655,964	+1,830	.....
1905, .....	9	5,159,735	+503,771	+1,517,747

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
CAR SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896, .....	9	\$4,400,325	\$	\$
1897, .....	9	3,930,116	—470,209	.....
1898, .....	9	3,962,258	+32,142	.....
1899, .....	9	25,675,264	+21,713,006	.....
1900, .....	9	26,061,682	+386,418	.....
1901, .....	9	21,572,047	—4,489,635	.....
1902, .....	9	11,657,382	—9,914,665	.....
1903, .....	9	11,605,949	—651,433	.....
1904, .....	9	10,969,061	—36,888	.....
1905, .....	9	11,676,548	+707,487	+7,276,223
IRON VESSELS AND ENGINES.				
1896, .....	3	7,039,973	.....	.....
1897, .....	3	7,274,993	+235,020	.....
1898, .....	3	7,262,278	—12,715	.....
1899, .....	3	7,866,622	+604,344	.....
1900, .....	3	10,973,657	+3,107,035	.....
1901, .....	3	12,247,131	+1,273,474	.....
1902, .....	3	12,955,641	+708,510	.....
1903, .....	3	16,764,405	+3,808,764	.....
1904, .....	3	16,890,559	+126,154	.....
1905, .....	3	17,143,140	+252,581	+10,103,167
BOILERS, TANKS, STACKS, ETC.				
1896, .....	20	1,494,562	.....	.....
1897, .....	20	1,574,265	+79,703	.....
1898, .....	20	1,606,210	+31,945	.....
1899, .....	20	1,807,238	+201,028	.....
1900, .....	20	1,972,964	+165,726	.....
1901, .....	20	2,540,108	+567,144	.....
1902, .....	20	2,689,814	+149,706	.....
1903, .....	20	2,903,376	+213,562	.....
1904, .....	20	3,046,350	+142,974	.....
1905, .....	20	3,112,360	+66,010	+1,617,798

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
MACHINERY.				
1896, .....	18	\$8,587,208	\$	\$
1897, .....	18	8,710,724	+123,516	.....
1898, .....	18	9,086,053	+375,329	.....
1899, .....	18	9,439,473	+353,420	.....
1900, .....	18	10,207,219	+767,746	.....
1901, .....	18	11,240,666	+1,033,447	.....
1902, .....	18	11,336,149	+95,483	.....
1903, .....	18	12,179,702	+843,553	.....
1904, .....	18	11,916,866	—262,836	.....
1905, .....	18	12,679,304	+762,438	+4,092,096
FOUNDRIES AND MACHINE SHOPS.				
1896, .....	24	2,991,550	.....	.....
1897, .....	24	3,012,486	+20,936	.....
1898, .....	24	3,111,069	+98,583	.....
1899, .....	24	3,571,293	+460,224	.....
1900, .....	24	3,889,754	+318,461	.....
1901, .....	24	4,165,422	+275,668	.....
1902, .....	24	5,072,452	+907,030	.....
1903, .....	24	5,765,541	+693,089	.....
1904, .....	24	6,235,348	+469,807	.....
1905, .....	24	6,889,818	+654,470	+3,898,268
FILES, ETC.				
1896, .....	2	510,000	.....	.....
1897, .....	2	510,000	.....	.....
1898, .....	2	512,000	+2,000	.....
1899, .....	2	512,000	.....	.....
1900, .....	2	512,000	.....	.....
1901, .....	2	515,000	+3,000	.....
1902, .....	2	515,500	+500	.....
1903, .....	2	516,000	+500	.....
1904, .....	2	518,000	+2,000	.....
1905, .....	2	520,000	+2,000	+10,000



## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase (+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease (-) 1905 as compared with 1896.
SAWS.				
1896, .....	3	\$310,000	\$	\$
1897, .....	3	335,000	+25,000	.....
1898, .....	3	335,000	.....	.....
1899, .....	3	335,000	.....	.....
1900, .....	3	334,000	-1,000	.....
1901, .....	3	334,000	.....	.....
1902, .....	3	333,900	-100	.....
1903, .....	3	333,000	-900	.....
1904, .....	3	304,000	-29,000	.....
1905, .....	3	304,000	.....	-6,000
PLUMBER SUPPLIES.				
1896, .....	3	2,105,078	.....	.....
1897, .....	3	2,043,751	-61,327	.....
1898, .....	3	2,031,622	-12,129	.....
1899, .....	3	2,080,669	+49,047	.....
1900, .....	3	2,266,837	+186,168	.....
1901, .....	3	2,274,610	+7,773	.....
1902, .....	3	2,291,033	+16,423	.....
1903, .....	3	2,296,905	+5,872	.....
1904, .....	3	2,494,323	+197,418	.....
1905, .....	3	2,309,218	-185,105	+204,140
ELECTRICAL SUPPLIES.				
1896, .....	2	12,412,879	.....	.....
1897, .....	2	12,445,926	+33,047	.....
1898, .....	2	13,490,686	+1,044,760	.....
1899, .....	2	13,605,566	+114,880	.....
1900, .....	2	14,620,016	+1,014,450	.....
1901, .....	2	18,075,526	+3,455,510	.....
1902, .....	2	20,126,676	+2,051,150	.....
1903, .....	2	24,222,050	+4,095,374	.....
1904, .....	2	54,040,000	+29,817,950	.....
1905, .....	2	26,673,700	-27,366,300	+14,260,821

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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SHOVELS, SPADES, SCOOPS,  
ETC.

1896, .....	8	\$651,100	\$	\$
1897, .....	8	651,100	.....	.....
1898, .....	8	648,100	—3,000	.....
1899, .....	8	648,100	.....	.....
1900, .....	8	741,100	+93,000	.....
1901, .....	8	766,100	+25,000	.....
1902, .....	8	863,232	+97,132	.....
1903, .....	8	1,088,989	+225,757	.....
1904, .....	8	1,075,864	—13,125	.....
1905, .....	8	1,088,989	+13,125	+437,889

## SAFES AND VAULT DOORS.

1896, .....	2	80,000	.....	.....
1897, .....	2	68,000	—12,000	.....
1898, .....	2	68,000	.....	.....
1899, .....	2	68,000	.....	.....
1900, .....	2	173,397	+105,397	.....
1901, .....	2	178,262	+4,865	.....
1902, .....	2	224,329	+46,067	.....
1903, .....	2	373,153	+148,824	.....
1904, .....	2	486,829	+113,676	.....
1905, .....	2	555,217	+68,388	+475,217

## METAL AND METALLIC GOODS.

1896, .....	3	280,400	.....	.....
1897, .....	3	280,400	.....	.....
1898, .....	3	390,000	+109,600	.....
1899, .....	3	390,000	.....	.....
1900, .....	3	390,000	.....	.....
1901, .....	3	390,000	.....	.....
1902, .....	3	400,000	+10,000	.....
1903, .....	3	400,000	.....	.....
1904, .....	3	385,000	—15,000	.....
1905, .....	3	735,000	+350,000	+454,600

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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BUILDING AND STRUCTURAL  
IRON WORK.

1896, .....	2	\$823,000	\$	\$
1897, .....	2	823,000	.....	.....
1898, .....	2	823,000	.....	.....
1899, .....	2	823,000	.....	.....
1900, .....	2	823,000	.....	.....
1901, .....	2	833,950	+10,950	.....
1902, .....	2	833,950	.....	.....
1903, .....	2	1,083,950	+250,000	.....
1904, .....	2	1,083,950	.....	.....
1905, .....	2	1,083,950	.....	+260,950

## IRON CHAINS.

1896, .....	5	253,542	.....	.....
1897, .....	5	258,542	+5,000	.....
1898, .....	5	264,542	+6,000	.....
1899, .....	5	264,542	.....	.....
1900, .....	5	334,798	+70,256	.....
1901, .....	5	351,174	+16,376	.....
1902, .....	5	416,494	+65,320	.....
1903, .....	5	399,001	—17,493	.....
1904, .....	5	422,451	+23,450	.....
1905, .....	5	482,443	+59,992	+228,901

## IRON FENCES AND RAILINGS.

1896, .....	7	40,500	.....	.....
1897, .....	7	42,500	+2,000	.....
1898, .....	7	46,000	+3,500	.....
1899, .....	7	49,300	+3,300	.....
1900, .....	7	56,500	+7,200	.....
1901, .....	7	113,628	+57,128	.....
1902, .....	7	118,953	+5,325	.....
1903, .....	7	125,630	+6,677	.....
1904, .....	7	128,527	+2,897	.....
1905, .....	7	196,024	+67,497	+155,524

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## AGRICULTURAL IMPLEMENTS.

1896, .....	10	\$783,000	\$	\$
1897, .....	10	1,785,000	+1,702,000	.....
1898, .....	10	1,833,000	+48,000	.....
1899, .....	10	1,613,000	—220,000	.....
1900, .....	10	1,925,000	+312,000	.....
1901, .....	10	2,079,000	+154,000	.....
1902, .....	10	1,560,829	—518,171	.....
1903, .....	10	2,226,307	+665,478	.....
1904, .....	10	2,576,292	+349,985	.....
1905, .....	10	2,952,818	+376,526	+2,169,818

## STEAM PUMPS.

1896, .....	2	280,000	.....	.....
1897, .....	2	376,974	+96,974	.....
1898, .....	2	380,871	+3,897	.....
1899, .....	2	433,343	+52,472	.....
1900, .....	2	479,015	+45,672	.....
1901, .....	2	503,522	+24,507	.....
1902, .....	2	516,533	+13,011	.....
1903, .....	2	567,788	+51,255	.....
1904, .....	2	561,872	—5,916	.....
1905, .....	2	582,556	+20,684	+302,556

## PIANOS AND ORGANS.

1896, .....	2	51,000	.....	.....
1897, .....	2	51,000	.....	.....
1898, .....	2	117,000	+66,000	.....
1899, .....	2	141,000	+24,000	.....
1900, .....	2	246,000	+105,000	.....
1901, .....	2	358,081	+112,081	.....
1902, .....	2	422,639	+64,558	.....
1903, .....	2	484,027	+61,388	.....
1904, .....	2	518,102	+34,075	.....
1905, .....	2	588,184	+70,082	+537,104



## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## TINWARE.

1896, .....	5	\$372,700	\$	\$
1897, .....	5	374,000	+1,300	.....
1898, .....	5	374,000	.....	.....
1899, .....	5	414,000	+40,000	.....
1900, .....	5	434,000	+20,000	.....
1901, .....	5	578,000	+144,000	.....
1902, .....	5	606,000	+28,000	.....
1903, .....	5	610,000	+4,000	.....
1904, .....	5	605,000	-5,000	.....
1905, .....	5	930,000	+325,000	+557,300

## PAPER MANUFACTORIES.

1896, .....	8	4,257,961	.....	.....
1897, .....	8	4,425,013	+167,052	.....
1898, .....	8	4,771,595	+346,582	.....
1899, .....	8	5,082,399	+310,804	.....
1900, .....	8	5,666,232	+583,833	.....
1901, .....	8	5,799,229	+132,997	.....
1902, .....	8	6,468,589	+669,360	.....
1903, .....	8	6,622,783	+154,194	.....
1904, .....	8	7,230,109	+607,326	.....
1905, .....	8	7,127,499	-102,610	+2,869,538

## WALL PAPER.

1896, .....	3	285,000	.....	.....
1897, .....	3	345,000	+60,000	.....
1898, .....	3	360,500	+15,500	.....
1899, .....	3	360,000	-500	.....
1900, .....	3	750,000	+390,000	.....
1901, .....	3	750,000	.....	.....
1902, .....	3	745,000	-5,000	.....
1903, .....	3	745,000	.....	.....
1904, .....	3	745,000	.....	.....
1905, .....	3	550,000	-195,000	+265,000

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CIGARS.

1896. ....	42	\$2,720,477	\$	\$
1897. ....	43	2,935,250	+214,773	.....
1898. ....	43	2,979,190	+43,940	.....
1899. ....	43	3,282,204	+303,014	.....
1900. ....	43	3,583,970	+301,766	.....
1901. ....	43	3,983,947	+399,977	.....
1902. ....	43	3,792,738	—191,209	.....
1903. ....	43	4,370,810	+578,072	.....
1904. ....	43	4,930,329	+559,519	.....
1905. ....	43	5,053,392	+123,063	+2,332,915

## BOOK BINDING.

1896. ....	3	125,000	.....	.....
1897. ....	3	126,500	+1,500	.....
1898. ....	3	130,000	+3,500	.....
1899. ....	3	131,800	+1,800	.....
1900. ....	3	136,250	+4,450	.....
1901. ....	3	140,000	+3,750	.....
1902. ....	3	150,000	+10,000	.....
1903. ....	3	165,000	+15,000	.....
1904. ....	3	165,000	.....	.....
1905. ....	3	165,000	.....	+40,000

## CORDAGE ROPE AND TWINE.

1896. ....	5	3,260,000	.....	.....
1897. ....	5	3,260,000	.....	.....
1898. ....	5	3,260,000	.....	.....
1899. ....	5	3,435,000	+175,000	.....
1900. ....	5	3,410,000	—25,000	.....
1901. ....	5	3,510,000	+100,000	.....
1902. ....	5	3,510,000	.....	.....
1903. ....	5	4,505,440	+995,440	.....
1904. ....	5	5,361,020	+855,580	.....
1905. ....	5	4,768,008	—593,012	+1,508,008

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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PAPER, PAPER BOXES, EN-  
VELOPES, ETC.

1896, .....	26	\$1,464,380	\$	\$
1897, .....	26	1,475,020	+10,640	.....
1898, .....	26	1,456,372	—18,648	.....
1899, .....	26	1,487,951	+31,579	.....
1900, .....	26	1,527,160	+39,209	.....
1901, .....	26	1,470,644	—56,516	.....
1902, .....	26	1,544,654	+74,010	.....
1903, .....	26	1,605,316	+60,662	.....
1904, .....	26	2,486,272	+880,956	.....
1905, .....	26	2,554,495	+68,223	+1,090,115

POTTERY.

1896, .....	2	510,000	.....	.....
1897, .....	2	560,000	+50,000	.....
1898, .....	2	560,000	.....	.....
1899, .....	2	510,000	—50,000	.....
1900, .....	2	505,000	—5,000	.....
1901, .....	2	505,000	.....	.....
1902, .....	2	572,340	+67,340	.....
1903, .....	2	579,369	+7,029	.....
1904, .....	2	597,668	+18,299	.....
1905, .....	2	598,358	+690	+88,358

PAVING BRICK.

1896, .....	7	481,200	.....	.....
1897, .....	7	521,500	+40,300	.....
1898, .....	7	549,644	+28,144	.....
1899, .....	7	614,478	+64,834	.....
1900, .....	7	642,074	+27,596	.....
1901, .....	7	638,707	—3,367	.....
1902, .....	7	727,862	+89,155	.....
1903, .....	7	875,295	+147,433	.....
1904, .....	7	884,910	+9,615	.....
1905, .....	7	878,508	—6,402	+397,308

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
BUILDING BRICK.				
1896, .....	30	\$3,244,700	\$	\$
1897, .....	30	3,275,347	+30,647	.....
1898, .....	30	3,320,386	+45,039	.....
1899, .....	30	3,444,184	+123,798	.....
1900, .....	30	3,445,898	+1,714	.....
1901, .....	30	3,352,539	—93,359	.....
1902, .....	30	4,576,787	+1,224,248	.....
1903, .....	30	5,227,821	+651,034	.....
1904, .....	30	6,748,337	+1,520,516	.....
1905, .....	30	6,523,133	—225,204	+3,278,433
FIRE BRICK.				
1896, .....	17	2,240,600	.....	.....
1897, .....	17	2,421,783	+181,183	.....
1898, .....	17	2,556,283	+134,500	.....
1899, .....	17	2,746,876	+190,593	.....
1900, .....	17	2,935,232	+188,356	.....
1901, .....	17	2,998,426	+63,194	.....
1902, .....	17	3,107,816	+109,390	.....
1903, .....	17	12,236,439	+9,128,623	.....
1904, .....	17	12,216,269	—20,170	.....
1905, .....	17	12,599,606	+383,337	+10,359,006
SLATE ROOFING, ETC., TON- NAGE.				
1896, .....	6	1,021,451	.....	.....
1897, .....	6	1,041,800	+20,349	.....
1898, .....	6	1,022,007	—19,793	.....
1899, .....	6	831,112	—190,895	.....
1900, .....	6	974,100	+142,988	.....
1901, .....	6	1,043,453	+69,353	.....
1902, .....	6	1,053,826	+10,373	.....
1903, .....	6	1,074,163	+20,337	.....
1904, .....	6	1,109,315	+35,152	.....
1905, .....	6	1,155,852	+46,537	+134,401



## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
SLATE ROOFING, ETC., SQUARES.				
1896, .....	13	\$493,916	\$	\$
1897, .....	13	494,914	+998	.....
1898, .....	13	684,914	+190,000	.....
1899, .....	13	513,914	-171,000	.....
1900, .....	13	609,914	+96,000	.....
1901, .....	13	531,814	-78,100	.....
1902, .....	13	546,014	+14,200	.....
1903, .....	13	608,505	+62,491	.....
1904, .....	13	834,773	+226,268	.....
1905, .....	13	747,764	-87,009	+253,848
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896, .....	20	13,332,300	.....	.....
1897, .....	20	13,347,382	+15,082	.....
1898, .....	20	13,382,482	+35,100	.....
1899, .....	20	13,452,097	+69,615	.....
1900, .....	20	14,758,346	+1,306,249	.....
1901, .....	20	13,642,725	-1,115,621	.....
1902, .....	20	15,383,325	+1,740,600	.....
1903, .....	20	16,037,368	+654,043	.....
1904, .....	20	14,687,652	-1,349,716	.....
1905, .....	20	14,865,020	+177,368	+1,532,720
GLAZED AND CHROME KID.				
1896, .....	7	3,857,983	.....	.....
1897, .....	7	4,068,915	+210,932	.....
1898, .....	7	4,163,993	+95,078	.....
1899, .....	7	4,609,490	+445,497	.....
1900, .....	7	4,861,913	+252,423	.....
1901, .....	7	5,931,303	+1,069,390	.....
1902, .....	7	6,030,353	+99,050	.....
1903, .....	7	6,050,055	+19,702	.....
1904, .....	7	6,080,816	+30,761	.....
1905, .....	7	8,324,926	+2,244,110	+4,466,943

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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MEN'S, WOMEN'S, MISSES' AND  
CHILDREN'S SHOES.

1896, .....	13	\$1,927,663	\$	\$
1897, .....	13	1,986,151	+58,488	.....
1898, .....	13	2,081,931	+95,780	.....
1899, .....	13	2,177,531	+95,600	.....
1900, .....	13	2,172,233	—5,298	.....
1901, .....	13	2,222,368	+50,135	.....
1902, .....	13	2,221,987	—381	.....
1903, .....	13	3,262,402	+1,040,415	.....
1904, .....	13	2,444,921	—817,481	.....
1905, .....	13	2,532,761	+87,840	+605,098

## SUSPENDERS.

1896, .....	2	82,000	.....	.....
1897, .....	2	92,000	+10,000	.....
1898, .....	2	95,000	+3,000	.....
1899, .....	2	120,000	+25,000	.....
1900, .....	2	150,000	+30,000	.....
1901, .....	2	170,500	+20,500	.....
1902, .....	2	195,500	+25,000	.....
1903, .....	2	198,000	+2,500	.....
1904, .....	2	196,500	—1,500	.....
1905, .....	2	216,700	+20,200	+134,700

## HATS AND CAPS.

1896, .....	3	273,592	.....	.....
1897, .....	3	307,789	+34,197	.....
1898, .....	3	296,776	—11,013	.....
1899, .....	3	307,676	+10,900	.....
1900, .....	3	360,735	+53,059	.....
1901, .....	3	375,548	+14,813	.....
1902, .....	3	354,814	—20,734	.....
1903, .....	3	337,339	—17,475	.....
1904, .....	3	330,555	—6,784	.....
1905, .....	3	345,458	+14,903	+71,866

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## FUR AND FELT HATS.

1896, .....	4	\$2,773,726	\$	\$
1897, .....	4	2,782,743	+9,017	.....
1898, .....	4	2,775,406	-7,337	.....
1899, .....	4	2,775,439	+33	.....
1900, .....	4	3,077,842	+302,403	.....
1901, .....	4	3,074,328	-3,514	.....
1902, .....	4	3,074,230	-98	.....
1903, .....	4	3,878,132	+803,902	.....
1904, .....	4	3,885,000	+6,868	.....
1905, .....	4	3,902,189	+17,189	+1,128,463

## WOOL HATS.

1896, .....	6	288,997	.....	.....
1897, .....	6	336,153	+47,156	.....
1898, .....	6	385,094	+48,941	.....
1899, .....	6	392,493	+7,399	.....
1900, .....	6	410,425	+17,932	.....
1901, .....	6	436,089	+25,664	.....
1902, .....	6	414,215	-21,874	.....
1903, .....	6	401,362	-12,853	.....
1904, .....	6	376,812	-24,550	.....
1905, .....	6	376,772	-40	+87,775

## UMBRELLAS AND PARASOLS.

1896, .....	4	407,435	.....	.....
1897, .....	4	404,000	-3,435	.....
1898, .....	4	327,000	-77,000	.....
1899, .....	4	353,000	+26,000	.....
1900, .....	4	353,000	.....	.....
1901, .....	4	350,819	-2,181	.....
1902, .....	4	415,490	+64,671	.....
1903, .....	4	804,500	+389,010	.....
1904, .....	4	808,762	+4,262	.....
1905, .....	4	811,576	+2,814	+404,141

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
DRESS TRIMMINGS, BRAIDS, ETC.				
1896, .....	8	\$1,158,296	\$	\$
1897, .....	8	1,176,796	+18,500	.....
1898, .....	8	1,229,296	+52,500	.....
1899, .....	8	1,319,688	+90,392	.....
1900, .....	8	1,411,475	+91,787	.....
1901, .....	8	1,529,063	+117,588	.....
1902, .....	8	1,607,500	+78,437	.....
1903, .....	8	1,733,828	+126,328	.....
1904, .....	8	1,840,000	+106,172	.....
1905, .....	8	1,891,500	+51,500	+733,204
SHIRTS AND SHIRT WAISTS.				
1896, .....	8	880,500	.....	.....
1897, .....	8	882,500	+2,000	.....
1898, .....	8	908,200	+25,700	.....
1899, .....	8	954,900	+46,700	.....
1900, .....	8	954,700	—200	.....
1901, .....	8	942,900	—11,800	.....
1902, .....	8	964,200	+21,300	.....
1903, .....	8	1,022,000	+57,800	.....
1904, .....	8	1,087,900	+65,900	.....
1905, .....	8	1,175,496	+87,596	+294,996
NECKWEAR.				
1896, .....	3	135,000	.....	.....
1897, .....	3	135,000	.....	.....
1898, .....	3	135,000	.....	.....
1899, .....	3	135,000	.....	.....
1900, .....	3	135,000	.....	.....
1901, .....	3	135,850	+850	.....
1902, .....	3	136,200	+350	.....
1903, .....	3	136,000	—200	.....
1904, .....	3	136,000	.....	.....
1905, .....	3	135,000	—1,000	.....



## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## COTTON AND WOOLEN CLOTHS.

1896, .....	19	\$2,725,847	\$	\$
1897, .....	19	2,870,946	+145,099	.....
1898, .....	19	2,799,346	—71,600	.....
1899, .....	19	2,930,167	+130,821	.....
1900, .....	19	3,412,930	+482,763	.....
1901, .....	19	3,558,393	+145,463	.....
1902, .....	19	4,560,000	+1,001,607	.....
1903, .....	19	3,650,577	—909,423	.....
1904, .....	19	4,577,163	+926,586	.....
1905, .....	19	4,023,705	—553,458	+1,297,858

## CARPETS.

1896, .....	17	3,150,625	.....	.....
1897, .....	17	3,240,181	+89,556	.....
1898, .....	17	3,339,213	+99,032	.....
1899, .....	17	3,653,864	+314,651	.....
1900, .....	17	3,624,415	—29,449	.....
1901, .....	17	3,628,328	+3,913	.....
1902, .....	17	3,669,040	+40,712	.....
1903, .....	17	3,862,630	+193,590	.....
1904, .....	17	3,906,240	+43,610	.....
1905, .....	17	4,000,027	+93,787	+849,402

## COTTON GOODS.

1896, .....	13	2,097,649	.....	.....
1897, .....	13	2,520,610	+422,961	.....
1898, .....	13	2,572,328	+51,718	.....
1899, .....	13	2,647,941	+75,613	.....
1900, .....	13	2,641,182	—6,759	.....
1901, .....	13	2,685,981	+44,799	.....
1902, .....	13	2,722,632	+36,651	.....
1903, .....	13	2,740,884	+18,252	.....
1904, .....	13	2,843,632	+102,748	.....
1905, .....	13	2,825,429	—18,203	+727,780

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WOOLEN AND WORSTED CASSI- MERES.				
1896, .....	10	\$1,261,633	\$	\$
1897, .....	10	1,303,549	+41,916	.....
1898, .....	10	1,265,000	—38,549	.....
1899, .....	10	1,345,000	+80,000	.....
1900, .....	10	1,345,000	.....	.....
1901, .....	10	1,345,000	.....	.....
1902, .....	10	1,350,000	+5,000	.....
1903, .....	10	1,350,000	.....	.....
1904, .....	10	1,397,500	+47,500	.....
1905, .....	10	1,430,445	+32,945	+168,812
WOOLEN AND WORSTED FABRICS.				
1896, .....	13	2,792,236	.....	.....
1897, .....	13	2,989,627	+197,391	.....
1898, .....	13	3,128,392	+138,765	.....
1899, .....	13	3,303,302	+174,910	.....
1900, .....	13	3,320,854	+17,552	.....
1901, .....	13	3,560,244	+239,390	.....
1902, .....	13	3,787,840	+227,596	.....
1903, .....	13	3,856,978	+69,138	.....
1904, .....	13	3,937,646	+80,668	.....
1905, .....	13	3,954,004	+16,358	+1,161,768
WOOLEN AND WORSTED YARNS.				
1896, .....	12	2,669,270	.....	.....
1897, .....	12	1,719,270	—950,000	.....
1898, .....	12	2,216,000	+496,730	.....
1899, .....	12	2,686,000	+470,000	.....
1900, .....	12	2,738,000	+52,000	.....
1901, .....	12	2,749,500	+11,500	.....
1902, .....	12	2,889,000	+139,500	.....
1903, .....	12	3,008,500	+119,500	.....
1904, .....	12	3,248,569	+240,069	.....
1905, .....	12	3,297,578	+49,009	+628,308

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## RUGS, YARNS, ETC.

1896, .....	4	\$4,935,732	\$	\$
1897, .....	4	4,518,779	—416,954	.....
1898, .....	4	4,631,824	+113,045	.....
1899, .....	4	4,968,446	+336,622	.....
1900, .....	4	4,981,791	+13,345	.....
1901, .....	4	4,736,001	—245,790	.....
1902, .....	4	4,701,650	—34,351	.....
1903, .....	4	4,727,665	+26,015	.....
1904, .....	4	5,482,974	+755,309	.....
1905, .....	4	5,308,418	—174,556	+372,685

## CARPET YARNS.

1896, .....	10	928,500	.....	.....
1897, .....	10	942,575	+14,075	.....
1898, .....	10	943,000	+425	.....
1899, .....	10	1,052,532	+109,532	.....
1900, .....	10	1,031,068	—21,464	.....
1901, .....	10	1,064,009	+32,941	.....
1902, .....	10	1,037,156	—26,853	.....
1903, .....	10	1,056,331	+19,175	.....
1904, .....	10	1,141,275	+84,944	.....
1905, .....	10	1,151,333	+10,058	+22,833

## COTTON YARNS.

1896, .....	6	1,171,200	.....	.....
1897, .....	6	1,171,200	.....	.....
1898, .....	6	1,179,433	+8,233	.....
1899, .....	6	1,230,543	+51,110	.....
1900, .....	6	1,255,543	+25,000	.....
1901, .....	6	1,370,207	+114,664	.....
1902, .....	6	1,375,000	+4,793	.....
1903, .....	6	1,450,000	+75,000	.....
1904, .....	6	1,485,690	+35,690	.....
1905, .....	6	1,481,727	—3,963	+310,527

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WORSTED, WOOLEN AND COT- TON YARNS.				
1896, .....	8	\$1,405,274	\$	\$
1897, .....	8	1,405,274	.....	.....
1898, .....	8	1,419,112	+13,838	.....
1899, .....	8	1,730,613	+311,501	.....
1900, .....	8	1,804,926	+74,313	.....
1901, .....	8	1,909,183	+104,257	.....
1902, .....	8	2,023,183	+114,000	.....
1903, .....	8	2,228,183	+205,000	.....
1904, .....	8	2,439,500	+211,317	.....
1905, .....	8	2,493,455	+53,955	+1,088,181
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896, .....	5	669,730	.....	.....
1897, .....	5	687,000	+17,270	.....
1898, .....	5	696,500	+9,500	.....
1899, .....	5	794,122	+97,622	.....
1900, .....	5	853,909	+59,787	.....
1901, .....	5	851,526	—2,383	.....
1902, .....	5	869,275	+17,749	.....
1903, .....	5	839,116	—30,159	.....
1904, .....	5	898,905	+59,789	.....
1905, .....	5	890,352	—8,553	+220,622
LACE GOODS.				
1896, .....	3	741,000	.....	.....
1897, .....	3	741,300	+300	.....
1898, .....	3	795,000	+53,700	.....
1899, .....	3	860,850	+65,850	.....
1900, .....	3	886,044	+25,194	.....
1901, .....	3	913,154	+27,110	.....
1902, .....	3	994,195	+81,041	.....
1903, .....	3	1,621,723	+627,528	.....
1904, .....	3	1,763,252	+141,529	.....
1905, .....	3	1,803,098	+39,846	+1,062,098



CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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CHENILLE GOODS.

1896, .....	2	\$400,000	\$	\$
1897, .....	2	400,000	.....	.....
1898, .....	2	400,000	.....	.....
1899, .....	2	400,000	.....	.....
1900, .....	2	450,000	+50,000	.....
1901, .....	2	575,000	+125,000	.....
1902, .....	2	680,000	+105,000	.....
1903, .....	2	772,000	+92,000	.....
1904, .....	2	760,000	—12,000	.....
1905, .....	2	760,000	.....	+360,000

UPHOLSTERY GOODS.

1896, .....	7	810,000	.....	.....
1897, .....	7	835,000	+25,000	.....
1898, .....	7	835,000	.....	.....
1899, .....	7	842,000	+7,000	.....
1900, .....	7	973,000	+131,000	.....
1901, .....	7	1,030,974	+57,974	.....
1902, .....	7	1,155,000	+124,026	.....
1903, .....	7	1,159,000	+4,000	.....
1904, .....	7	991,795	—167,205	.....
1905, .....	7	1,287,000	+295,205	+477,000

KNIT GOODS, UNDERWEAR.

1896, .....	13	1,750,000	.....	.....
1897, .....	13	1,798,000	+48,000	.....
1898, .....	13	1,833,600	+35,600	.....
1899, .....	13	1,987,729	+154,129	.....
1900, .....	13	2,096,610	+108,881	.....
1901, .....	13	2,161,429	+64,819	.....
1902, .....	13	2,217,257	+55,828	.....
1903, .....	13	2,253,157	+35,900	.....
1904, .....	13	1,987,438	—265,719	.....
1905, .....	13	2,059,223	+71,785	+309,223

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## HOSIERY.

1896, .....	31	\$1,997,318	\$	\$
1897, .....	31	2,154,951	+157,633	.....
1898, .....	31	2,347,041	+192,090	.....
1899, .....	31	2,894,145	+547,104	.....
1900, .....	31	3,117,842	+223,697	.....
1901, .....	31	3,303,176	+185,334	.....
1902, .....	31	3,662,965	+359,789	.....
1903, .....	31	3,955,626	+292,661	.....
1904, .....	31	4,313,334	+357,708	.....
1905, .....	31	4,443,908	+130,574	+2,446,590

SILK—BROAD GOODS, THROWN  
SILK, YARNS, ETC.

1896, .....	5	1,374,700	.....	.....
1897, .....	5	1,424,700	+50,000	.....
1898, .....	5	1,777,500	+352,800	.....
1899, .....	5	1,902,500	+125,000	.....
1900, .....	5	1,902,500	.....	.....
1901, .....	5	1,897,500	—5,000	.....
1902, .....	5	1,952,500	+55,000	.....
1903, .....	5	1,967,500	+15,000	.....
1904, .....	5	2,042,500	+75,000	.....
1905, .....	5	2,042,500	.....	+667,890

SILK—BROAD GOODS AND RIB-  
BONS.

1896, .....	2	1,650,000	.....	.....
1897, .....	2	1,650,000	.....	.....
1898, .....	2	1,660,000	+10,000	.....
1899, .....	2	1,670,000	+10,000	.....
1900, .....	2	1,700,000	+30,000	.....
1901, .....	2	1,700,000	.....	.....
1902, .....	2	1,758,248	+58,248	.....
1903, .....	2	1,762,782	+4,534	.....
1904, .....	2	1,762,782	.....	.....
1905, .....	2	1,662,000	—100,782	+12,000

## CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
SILK—RIBBONS.				
1896, .....	3	\$193,882	\$	\$
1897, .....	3	261,437	+67,555	.....
1898, .....	3	305,111	+43,674	.....
1899, .....	3	301,721	—3,390	.....
1900, .....	3	335,536	+33,815	.....
1901, .....	3	404,293	+68,757	.....
1902, .....	3	356,764	—47,529	.....
1903, .....	3	431,025	+74,261	.....
1904, .....	3	390,381	—40,644	.....
1905, .....	3	356,171	—34,210	+62,289

## BASIC MATERIAL.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the aggregate cost of basic material by the same establishments for the years 1896, 1897, 1898, 1899, 1901, 1902, 1903, 1904 and 1905 is presented with a relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are reported. Basic material as considered is raw material, and the cost thereof, the value of the substances (exclusive of cost of fuel, or any other expense) which compose the manufactured product.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## TOOL STEEL.

1896, .....	3	\$146,601	\$	\$
1897, .....	3	74,610	—71,991	.....
1898, .....	3	89,554	+14,944	.....
1899, .....	3	96,154	+6,600	.....
1900, .....	3	78,514	—17,640	.....
1901, .....	3	126,488	+47,974	.....
1902, .....	3	176,919	+50,431	.....
1903, .....	3	223,036	+46,117	.....
1904, .....	3	240,798	+17,762	.....
1905, .....	3	395,169	+154,371	+248,568

## IRON AND STEEL FORGINGS.

1896, .....	5	117,318	.....	.....
1897, .....	5	101,503	—15,815	.....
1898, .....	5	129,563	+28,060	.....
1899, .....	5	199,758	+70,195	.....
1900, .....	5	200,857	+1,099	.....
1901, .....	5	242,406	+41,549	.....
1902, .....	5	309,877	+67,471	.....
1903, .....	5	343,160	+33,283	.....
1904, .....	5	233,962	—109,198	.....
1905, .....	5	347,240	+113,278	+229,922



BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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MALLEABLE IRON.

1896, .....	4	\$590,308	\$	\$
1897, .....	4	455,890	—134,418	.....
1898, .....	4	698,054	+242,164	.....
1899, .....	4	839,640	+141,586	.....
1900, .....	4	975,533	+135,893	.....
1901, .....	4	873,539	—101,994	.....
1902, .....	4	928,899	+55,360	.....
1903, .....	4	1,170,449	+241,550	.....
1904, .....	4	500,681	—669,768	.....
1905, .....	4	1,123,760	+623,079	+533,452

BOLTS, NUTS, ETC.

1896, .....	7	505,453	.....	.....
1897, .....	7	452,699	—52,754	.....
1898, .....	7	564,979	+112,280	.....
1899, .....	7	1,219,189	+654,210	.....
1900, .....	7	1,170,665	—48,524	.....
1901, .....	7	1,165,743	—4,922	.....
1902, .....	7	1,508,979	+343,236	.....
1903, .....	7	1,432,674	—76,305	.....
1904, .....	7	1,022,370	—410,304	.....
1905, .....	7	1,574,952	+552,582	+1,069,499

WIRE NAILS, RIVETS, ETC.

1896, .....	3	251,899	.....	.....
1897, .....	3	210,833	—41,066	.....
1898, .....	3	212,967	+2,134	.....
1899, .....	3	341,940	+128,973	.....
1900, .....	3	432,511	+90,571	.....
1901, .....	3	443,771	+11,260	.....
1902, .....	3	449,832	+6,061	.....
1903, .....	3	462,270	+12,438	.....
1904, .....	3	342,621	—119,649	.....
1905, .....	3	538,540	+195,919	+286,641

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## TACKS AND SMALL NAILS.

1896, .....	3	\$39,853	\$	\$
1897, .....	3	33,362	—6,491	.....
1898, .....	3	27,549	—5,813	.....
1899, .....	3	58,184	+30,635	.....
1900, .....	3	54,075	—4,109	.....
1901, .....	3	58,748	+4,673	.....
1902, .....	3	65,900	+7,152	.....
1903, .....	3	68,400	+2,500	.....
1904, .....	3	74,303	+5,903	.....
1905, .....	3	81,196	+6,893	+41,343

## WIRE.

1896, .....	4	82,481	.....	.....
1897, .....	4	84,207	+1,726	.....
1898, .....	4	111,604	+27,397	.....
1899, .....	4	122,561	+10,957	.....
1900, .....	4	209,752	+87,191	.....
1901, .....	4	211,172	+1,420	.....
1902, .....	4	170,431	—40,741	.....
1903, .....	4	217,684	+47,253	.....
1904, .....	4	155,193	—62,491	.....
1905, .....	4	138,713	—16,480	+56,232

## WIRE ROPE.

1896, .....	2	292,275	.....	.....
1897, .....	2	230,111	—62,164	.....
1898, .....	2	248,135	+18,024	.....
1899, .....	2	361,009	+112,874	.....
1900, .....	2	1,035,106	+674,097	.....
1901, .....	2	1,089,791	+54,685	.....
1902, .....	2	1,142,340	+52,549	.....
1903, .....	2	1,153,901	+11,561	.....
1904, .....	2	1,174,083	+20,182	.....
1905, .....	2	1,275,632	+101,549	+983,357

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WIRE GOODS.

1896, .....	5	\$45,611	\$	\$
1897, .....	5	58,563	+12,952	.....
1898, .....	5	62,195	+3,632	.....
1899, .....	5	88,686	+26,491	.....
1900, .....	5	85,360	—3,326	.....
1901, .....	5	112,779	+27,419	.....
1902, .....	5	106,575	—6,204	.....
1903, .....	5	88,127	—18,448	.....
1904, .....	5	94,362	+6,235	.....
1905, .....	5	105,683	+11,321	+60,072

WAGON AND CARRIAGE AXLES  
AND SPRINGS.

1896, .....	4	151,834	.....	.....
1897, .....	4	148,176	—3,658	.....
1898, .....	4	129,653	—18,523	.....
1899, .....	4	258,314	+128,661	.....
1900, .....	4	221,077	—37,237	.....
1901, .....	4	316,619	+95,542	.....
1902, .....	4	425,865	+109,246	.....
1903, .....	4	369,627	—56,238	.....
1904, .....	4	363,285	—6,342	.....
1905, .....	4	370,805	+7,520	+218,971

## SCALES, ETC.

1896, .....	3	72,428	.....	.....
1897, .....	3	77,026	+4,598	.....
1898, .....	3	80,225	+3,199	.....
1899, .....	3	103,309	+23,084	.....
1900, .....	3	112,333	+9,024	.....
1901, .....	3	116,852	+4,519	.....
1902, .....	3	118,498	+1,646	.....
1903, .....	3	119,679	+1,181	.....
1904, .....	3	164,097	+44,418	.....
1905, .....	3	157,500	—6,597	+85,072

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
STOVES, RANGES, HEATERS, ETC.				
1896, .....	28	\$824,232	\$	\$
1897, .....	28	825,136	+904	.....
1898, .....	28	851,749	+26,613	.....
1899, .....	28	1,064,535	+212,786	.....
1900, .....	28	1,376,876	+312,341	.....
1901, .....	28	1,223,171	—153,705	.....
1902, .....	28	1,423,055	+199,884	.....
1903, .....	28	1,568,147	+145,092	.....
1904, .....	28	1,344,406	—223,741	.....
1905, .....	28	1,563,262	+218,856	+739,030

## BATH BOILERS, TANKS, ETC.

1896, .....	2	33,394	.....	.....
1897, .....	2	31,163	—2,231	.....
1898, .....	2	30,676	—487	.....
1899, .....	2	44,809	+14,133	.....
1900, .....	2	44,391	—418	.....
1901, .....	2	49,704	+5,313	.....
1902, .....	2	51,145	+1,441	.....
1903, .....	2	57,266	+6,121	.....
1904, .....	2	63,650	+6,384	.....
1905, .....	2	75,893	+12,243	+42,499

## HARDWARE SPECIALTIES.

1896, .....	12	616,848	.....	.....
1897, .....	12	650,380	+33,532	.....
1898, .....	12	687,983	+37,603	.....
1899, .....	12	1,028,564	+340,581	.....
1900, .....	12	830,075	—198,489	.....
1901, .....	12	937,189	+107,114	.....
1902, .....	12	1,180,368	+243,179	.....
1903, .....	12	1,023,885	—156,483	.....
1904, .....	12	1,108,485	+84,600	.....
1905, .....	12	1,332,962	+224,477	+716,114



## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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## EDGE TOOLS.

1896, .....	12	\$453,478	\$	\$
1897, .....	12	223,034	—230,444	.....
1898, .....	12	293,289	+70,255	.....
1899, .....	12	399,445	+106,156	.....
1900, .....	12	486,985	+87,540	.....
1901, .....	12	500,219	+13,334	.....
1902, .....	12	611,348	+111,129	.....
1903, .....	12	502,808	—108,540	.....
1904, .....	12	402,823	—99,985	.....
1905, .....	12	419,734	+16,911	—33,744

## WRENCHES, PICKS, ETC.

1896, .....	5	118,234	.....	.....
1897, .....	5	152,785	+34,551	.....
1898, .....	5	143,063	—9,722	.....
1899, .....	5	228,910	+85,847	.....
1900, .....	5	256,264	+27,354	.....
1901, .....	5	225,495	—30,769	.....
1902, .....	5	253,913	+28,418	.....
1903, .....	5	313,694	+59,781	.....
1904, .....	5	266,231	—47,463	.....
1905, .....	5	277,334	+11,103	+159,100

LOCOMOTIVES AND CARS  
BUILT AND REPAIRED.

1896, .....	3	3,738,754	.....	.....
1897, .....	3	3,276,309	—462,445	.....
1898, .....	3	4,191,152	+914,843	.....
1899, .....	3	5,634,355	+1,443,203	.....
1900, .....	3	6,459,641	+825,286	.....
1901, .....	3	6,483,061	+23,420	.....
1902, .....	3	5,876,007	—607,054	.....
1903, .....	3	5,776,840	—99,167	.....
1904, .....	3	7,472,686	+1,695,846	.....
1905, .....	3	10,665,112	+3,192,426	+6,926,358

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WROUGHT IRON PIPE AND  
TUBES.

1896, .....	5	\$7,973,945	\$	\$
1897, .....	5	7,101,673	—872,272	.....
1898, .....	5	8,285,486	+1,183,813	.....
1899, .....	5	15,485,996	+7,200,510	.....
1900, .....	5	12,906,404	—2,579,592	.....
1901, .....	5	15,141,057	+2,234,653	.....
1902, .....	5	15,644,780	+503,723	.....
1903, .....	5	14,469,937	—1,174,843	.....
1904, .....	5	5,693,832	—8,776,105	.....
1905, .....	5	13,441,626	+7,747,794	+5,467,631

## CAST IRON PIPE.

1896, .....	3	573,580	.....	.....
1897, .....	3	767,967	+194,387	.....
1898, .....	3	810,511	+42,544	.....
1899, .....	3	912,507	+101,996	.....
1900, .....	3	1,123,503	+210,996	.....
1901, .....	3	1,254,082	+130,579	.....
1902, .....	3	1,383,510	+129,428	.....
1903, .....	3	1,232,302	—151,208	.....
1904, .....	3	1,565,380	+333,078	.....
1905, .....	3	1,870,541	+305,161	+1,296,961

BRASS, COPPER AND BRONZE  
GOODS.

1896, .....	18	1,132,224	.....	.....
1897, .....	18	1,108,237	—23,987	.....
1898, .....	18	1,308,588	+200,351	.....
1899, .....	18	2,127,888	+819,300	.....
1900, .....	18	1,582,801	—545,087	.....
1901, .....	18	2,503,355	+920,554	.....
1902, .....	18	2,653,170	+149,815	.....
1903, .....	18	2,678,605	+25,435	.....
1904, .....	18	2,188,126	—490,479	.....
1905, .....	18	3,324,934	+1,136,808	+2,192,710

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## IRON AND STEEL BRIDGES.

1896, .....	7	\$2,008,501	\$	\$
1897, .....	7	1,731,721	—276,780	.....
1898, .....	7	2,126,144	+394,423	.....
1899, .....	7	3,193,878	+1,067,734	.....
1900, .....	7	5,544,996	+2,351,118	.....
1901, .....	7	3,802,840	—1,742,156	.....
1902, .....	7	5,035,759	+1,232,919	.....
1903, .....	7	6,251,897	+1,216,138	.....
1904, .....	7	5,438,668	—813,229	.....
1905, .....	7	6,603,110	+1,164,442	+4,594,609

## LOCOMOTIVES, STATIONARY ENGINES, ETC.

1896, .....	9	4,229,510	.....	.....
1897, .....	9	3,933,971	—295,539	.....
1898, .....	9	5,386,109	+1,452,138	.....
1899, .....	9	8,606,253	+3,220,144	.....
1900, .....	9	11,568,788	+2,962,535	.....
1901, .....	9	12,289,340	+720,552	.....
1902, .....	9	16,024,833	+3,735,493	.....
1903, .....	9	22,344,842	+6,320,009	.....
1904, .....	9	11,010,675	—11,334,167	.....
1905, .....	9	21,615,286	+10,604,611	+17,385,776

## ENGINES, BOILERS, ETC.

1896, .....	9	1,403,962	.....	.....
1897, .....	9	1,238,535	—165,427	.....
1898, .....	9	1,448,549	+210,014	.....
1899, .....	9	2,251,596	+803,047	.....
1900, .....	9	2,369,709	+118,113	.....
1901, .....	9	2,393,828	+24,119	.....
1902, .....	9	2,822,018	+428,190	.....
1903, .....	9	2,871,144	+49,126	.....
1904, .....	9	2,270,389	—600,755	.....
1905, .....	9	2,429,021	+158,632	+1,025,059

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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CAR SPRINGS, AXLES AND  
RAILWAY SUPPLIES.

1896, .....	9	\$1,797,987	\$	\$
1897, .....	9	1,507,006	—290,981	.....
1898, .....	9	2,133,451	+626,445	.....
1899, .....	9	9,436,336	+7,302,885	.....
1900, .....	9	17,285,349	+7,849,013	.....
1901, .....	9	17,339,505	+54,156	.....
1902, .....	9	26,101,519	+8,762,014	.....
1903, .....	9	21,153,529	—4,947,990	.....
1904, .....	9	4,875,173	—16,278,356	.....
1905, .....	9	17,087,397	+12,212,224	+15,289,410

## IRON VESSELS AND ENGINES.

1896, .....	3	1,923,035	.....	.....
1897, .....	3	2,020,859	+97,824	.....
1898, .....	3	2,997,076	+976,217	.....
1899, .....	3	5,117,337	+2,120,261	.....
1900, .....	3	6,705,326	+1,587,989	.....
1901, .....	3	5,978,086	—727,240	.....
1902, .....	3	6,096,543	+118,457	.....
1903, .....	3	5,938,775	—157,768	.....
1904, .....	3	4,922,426	—1,016,349	.....
1905, .....	3	4,483,679	—438,747	+2,560,644

BOILERS, TANKS, STACKS,  
ETC.

1896, .....	20	657,686	.....	.....
1897, .....	20	787,048	+129,362	.....
1898, .....	20	1,074,963	+287,915	.....
1899, .....	20	1,598,563	+523,600	.....
1900, .....	20	2,058,536	+459,973	.....
1901, .....	20	2,487,205	+428,669	.....
1902, .....	20	2,564,397	+77,192	.....
1903, .....	20	2,526,749	—37,648	.....
1904, .....	20	1,986,117	—540,632	.....
1905, .....	20	2,157,695	+171,578	+1,500,009

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## MACHINERY.

1896, .....	18	\$1,699,507	\$	\$
1897, .....	18	1,647,046	—52,461	.....
1898, .....	18	1,991,886	+344,840	.....
1899, .....	18	2,860,921	+869,035	.....
1900, .....	18	3,456,146	+595,225	.....
1901, .....	18	3,775,105	+318,959	.....
1902, .....	18	4,204,714	+429,609	.....
1903, .....	18	4,141,566	—63,148	.....
1904, .....	18	2,522,569	—1,618,997	.....
1905, .....	18	3,291,852	+769,283	+1,592,345

## FOUNDRIES AND MACHINE SHOPS.

1896, .....	24	855,744	.....	.....
1897, .....	24	1,035,189	+179,445	.....
1898, .....	24	1,250,763	+215,574	.....
1899, .....	24	1,899,282	+648,519	.....
1900, .....	24	1,989,733	+90,451	.....
1901, .....	24	2,031,695	+41,962	.....
1902, .....	24	2,913,562	+881,867	.....
1903, .....	24	2,825,316	—88,246	.....
1904, .....	24	2,265,142	—560,174	.....
1905, .....	24	3,503,674	+1,238,532	+2,647,930

## FILES, ETC.

1896, .....	2	95,440	.....	.....
1897, .....	2	92,201	—3,239	.....
1898, .....	2	82,739	—9,462	.....
1899, .....	2	105,104	+22,365	.....
1900, .....	2	113,699	+8,595	.....
1901, .....	2	118,953	+5,254	.....
1902, .....	2	113,206	—5,747	.....
1903, .....	2	129,194	+15,988	.....
1904, .....	2	204,141	+74,947	.....
1905, .....	2	163,241	—40,900	+67,801



## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
SAWS.				
1896, .....	3	\$37,000	\$	\$
1897, .....	3	26,812	—10,188	.....
1898, .....	3	28,087	+1,275	.....
1899, .....	3	31,600	+3,513	.....
1900, .....	3	48,071	+16,471	.....
1901, .....	3	44,758	—3,313	.....
1902, .....	3	45,450	+692	.....
1903, .....	3	46,274	+824	.....
1904, .....	3	43,598	—2,676	.....
1905, .....	3	38,282	—5,316	+1,282
PLUMBER SUPPLIES.				
1896, .....	3	*	.....	.....
1897, .....	3	*	.....	.....
1898, .....	3	*	.....	.....
1899, .....	3	552,190	.....	.....
1900, .....	3	425,043	—127,147	.....
1901, .....	3	485,511	+60,468	.....
1902, .....	3	538,990	+53,379	.....
1903, .....	3	555,427	+16,439	.....
1904, .....	3	503,709	—51,718	.....
1905, .....	3	468,542	—35,167	—83,643
ELECTRICAL SUPPLIES.				
1896, .....	2	1,289,457	.....	.....
1897, .....	2	1,317,724	+28,267	.....
1898, .....	2	2,286,589	+968,865	.....
1899, .....	2	3,497,584	+1,210,995	.....
1900, .....	2	5,267,567	+1,769,983	.....
1901, .....	2	5,611,757	+344,190	.....
1902, .....	2	7,806,636	+2,194,879	.....
1903, .....	2	7,402,527	—404,109	.....
1904, .....	2	6,338,447	—1,064,080	.....
1905, .....	2	6,741,141	+402,694	+5,451,684

\*Incomplete returns.

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896, .....	8	\$313,871	\$	\$
1897, .....	8	276,019	—37,852	.....
1898, .....	8	296,298	+20,279	.....
1899, .....	8	465,999	+169,701	.....
1900, .....	8	406,234	—59,765	.....
1901, .....	8	541,074	+134,840	.....
1902, .....	8	566,982	+25,908	.....
1903, .....	8	771,627	+204,645	.....
1904, .....	8	704,616	—67,011	.....
1905, .....	8	815,897	+111,281	+502,026
SAFES AND VAULT DOORS.				
1896, .....	2	66,274	.....	.....
1897, .....	2	63,173	—3,101	.....
1898, .....	2	65,984	+2,811	.....
1899, .....	2	65,539	—445	.....
1900, .....	2	121,397	+55,858	.....
1901, .....	2	148,595	+27,198	.....
1902, .....	2	210,710	+72,115	.....
1903, .....	2	248,685	+37,975	.....
1904, .....	2	266,001	+17,316	.....
1905, .....	2	166,302	—99,699	+100,028
METAL AND METALLIC GOODS.				
1896, .....	3	47,136	.....	.....
1897, .....	3	50,060	+2,924	.....
1898, .....	3	58,176	+8,116	.....
1899, .....	3	82,834	+24,158	.....
1900, .....	3	93,877	+11,543	.....
1901, .....	3	99,610	+5,733	.....
1902, .....	3	96,487	—3,123	.....
1903, .....	3	102,495	+6,008	.....
1904, .....	3	73,154	—29,341	.....
1905, .....	3	43,805	—29,349	—3,331

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## BUILDING AND STRUCTURAL IRON WORK.

1896, .....	2	\$522,584	\$	\$
1897, .....	2	686,899	+164,315	.....
1898, .....	2	1,241,336	+554,437	.....
1899, .....	2	1,227,578	—13,758	.....
1900, .....	2	3,053,789	+1,826,211	.....
1901, .....	2	3,327,881	+274,092	.....
1902, .....	2	3,876,417	+548,536	.....
1903, .....	2	4,543,482	+667,065	.....
1904, .....	2	4,023,670	—519,812	.....
1905, .....	2	3,673,474	—350,196	+3,150,896

## IRON CHAINS.

1896, .....	5	127,022	.....	.....
1897, .....	5	126,244	—778	.....
1898, .....	5	165,742	+39,498	.....
1899, .....	5	252,412	+86,670	.....
1900, .....	5	239,225	—13,187	.....
1901, .....	5	239,113	—112	.....
1902, .....	5	514,757	+275,644	.....
1903, .....	5	571,273	+56,516	.....
1904, .....	5	489,314	—81,959	.....
1905, .....	5	450,304	—39,010	+323,282

## IRON FENCES AND RAILINGS.

1896, .....	7	47,937	.....	.....
1897, .....	7	58,623	+10,686	.....
1898, .....	7	81,971	+23,348	.....
1899, .....	7	133,235	+51,264	.....
1900, .....	7	157,497	+24,262	.....
1901, .....	7	206,195	+48,698	.....
1902, .....	7	361,896	+155,701	.....
1903, .....	7	412,855	+50,959	.....
1904, .....	7	421,018	+8,163	.....
1905, .....	7	502,672	+81,654	+454,735

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## AGRICULTURAL IMPLEMENTS.

1896, .....	10	\$1,005,331	\$	\$
1897, .....	10	1,002,208	--3,123	.....
1898, .....	10	1,145,677	+143,469	.....
1899, .....	10	1,348,877	+203,200	.....
1900, .....	10	1,454,807	+105,930	.....
1901, .....	10	1,479,888	+25,081	.....
1902, .....	10	1,690,108	+210,220	.....
1903, .....	10	1,872,309	+182,201	.....
1904, .....	10	1,793,405	—78,904	.....
1905, .....	10	1,870,684	+77,279	+865,353

## STEAM PUMPS.

1896, .....	2	146,725	.....	.....
1897, .....	2	127,524	—19,201	.....
1898, .....	2	123,813	—3,711	.....
1899, .....	2	176,738	+52,925	.....
1900, .....	2	200,479	+23,741	.....
1901, .....	2	178,558	—21,921	.....
1902, .....	2	179,773	+1,215	.....
1903, .....	2	155,127	—24,646	.....
1904, .....	2	72,919	—82,208	.....
1905, .....	2	120,529	+17,610	—26,196

## PIANOS AND ORGANS.

1896, .....	2	32,563	.....	.....
1897, .....	2	37,083	+4,520	.....
1898, .....	2	57,843	+20,760	.....
1899, .....	2	59,162	+1,319	.....
1900, .....	2	79,526	+20,364	.....
1901, .....	2	83,646	+4,120	.....
1902, .....	2	82,761	—885	.....
1903, .....	2	98,305	+15,544	.....
1904, .....	2	85,131	—13,174	.....
1905, .....	2	73,237	—11,894	+40,674

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
TINWARE.				
1896, .....	5	\$218,233	\$	\$
1897, .....	5	216,243	—1,990	.....
1898, .....	5	217,433	+1,190	.....
1899, .....	5	272,376	+54,943	.....
1900, .....	5	290,940	+18,564	.....
1901, .....	5	337,778	+46,838	.....
1902, .....	5	471,267	+133,489	.....
1903, .....	5	544,833	+73,566	.....
1904, .....	5	563,305	+18,472	.....
1905, .....	5	625,917	+62,612	+407,684
PAPER MANUFACTORIES.				
1896, .....	8	1,583,061	.....	.....
1897, .....	8	1,451,820	—131,241	.....
1898, .....	8	1,486,541	+34,721	.....
1899, .....	8	1,739,547	+253,006	.....
1900, .....	8	1,748,551	+9,004	.....
1901, .....	8	1,776,599	+28,048	.....
1902, .....	8	2,013,740	+237,141	.....
1903, .....	8	2,231,787	+218,047	.....
1904, .....	8	2,188,674	—43,113	.....
1905, .....	8	2,464,191	+275,517	+881,130
WALL PAPER.				
1896, .....	3	356,658	.....	.....
1897, .....	3	389,158	+32,500	.....
1898, .....	3	479,750	+90,592	.....
1899, .....	3	517,300	+37,550	.....
1900, .....	3	495,111	—22,189	.....
1901, .....	3	550,626	+55,515	.....
1902, .....	3	554,664	+4,038	.....
1903, .....	3	541,374	—13,290	.....
1904, .....	3	576,451	+35,077	.....
1905, .....	3	466,404	—110,047	+109,746



## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CIGARS.

1896, .....	43	\$2,621,513	\$	\$
1897, .....	43	3,185,358	+563,845	.....
1898, .....	43	3,557,479	+372,121	.....
1899, .....	43	3,697,925	+140,446	.....
1900, .....	43	3,931,233	+233,308	.....
1901, .....	43	3,872,076	—59,157	.....
1902, .....	43	3,705,162	—166,914	.....
1903, .....	43	4,076,724	+371,562	.....
1904, .....	43	4,622,841	+546,117	.....
1905, .....	43	5,060,670	+437,829	+2,439,157

## BOOK BINDING.

1896, .....	3	62,699	.....	.....
1897, .....	3	62,018	—681	.....
1898, .....	3	65,522	+3,504	.....
1899, .....	3	77,379	+11,857	.....
1900, .....	3	83,716	+6,337	.....
1901, .....	3	95,214	+11,498	.....
1902, .....	3	88,885	—6,329	.....
1903, .....	3	91,589	+2,704	.....
1904, .....	3	84,618	—6,971	.....
1905, .....	3	70,027	—14,591	+7,328

## CORDAGE, ROPE AND TWINE.

1896, .....	5	3,362,991	.....	.....
1897, .....	5	3,484,048	+121,057	.....
1898, .....	5	3,524,381	+40,333	.....
1899, .....	5	4,509,784	+985,403	.....
1900, .....	5	5,340,848	+831,064	.....
1901, .....	5	5,676,078	+335,230	.....
1902, .....	5	5,729,169	+53,091	.....
1903, .....	5	5,871,416	+142,247	.....
1904, .....	5	6,007,906	+136,490	.....
1905, .....	5	5,957,748	—50,158	+2,594,757

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PAPER, PAPER BOXES, ENVELOPES, ETC.

1896, .....	26	\$921,157	\$	\$
1897, .....	26	946,382	+25,225	.....
1898, .....	26	1,020,438	+74,056	.....
1899, .....	26	1,102,962	+82,524	.....
1900, .....	26	1,206,737	+103,775	.....
1901, .....	26	1,130,937	—75,800	.....
1902, .....	26	1,225,052	+94,115	.....
1903, .....	26	1,344,205	+119,153	.....
1904, .....	26	1,516,941	+172,736	.....
1905, .....	26	1,604,714	+87,773	+683,557

## POTTERY.

1896, .....	2	68,215	.....	.....
1897, .....	2	56,290	—11,925	.....
1898, .....	2	56,589	+299	.....
1899, .....	2	54,604	—1,985	.....
1900, .....	2	64,561	+9,957	.....
1901, .....	2	72,323	+7,762	.....
1902, .....	2	45,785	—26,538	.....
1903, .....	2	75,358	+29,573	.....
1904, .....	2	77,072	+1,714	.....
1905, .....	2	75,143	—1,929	+6,928

## PAVING BRICK.

1896, .....	7	32,949	.....	.....
1897, .....	7	25,156	—7,793	.....
1898, .....	7	23,113	—2,043	.....
1899, .....	7	33,506	+10,393	.....
1900, .....	7	72,534	+39,028	.....
1901, .....	7	37,076	—35,458	.....
1902, .....	7	63,044	+25,968	.....
1903, .....	7	72,879	+9,835	.....
1904, .....	7	60,188	—12,691	.....
1905, .....	7	97,914	+17,726	+64,965

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BUILDING BRICK.

1896, .....	30	\$139,763	\$	\$
1897, .....	30	117,539	—22,224	.....
1898, .....	30	146,374	+28,835	.....
1899, .....	30	151,706	+5,332	.....
1900, .....	30	150,955	—751	.....
1901, .....	30	167,085	+16,130	.....
1902, .....	30	182,493	+15,408	.....
1903, .....	30	196,264	+13,771	.....
1904, .....	30	155,845	—40,419	.....
1905, .....	30	205,855	+50,010	+66,092

## FIRE BRICK.

1896, .....	17	423,138	.....	.....
1897, .....	17	382,434	—40,704	.....
1898, .....	17	418,484	+36,050	.....
1899, .....	17	552,972	+184,488	.....
1900, .....	17	790,260	+287,288	.....
1901, .....	17	724,698	—65,562	.....
1902, .....	17	901,460	+176,762	.....
1903, .....	17	873,138	—28,322	.....
1904, .....	17	895,554	+22,416	.....
1905, .....	17	747,551	—148,003	+324,413

SLATE ROOFING, ETC., TON-  
NAGE.

1896, .....	6	32,540	.....	.....
1897, .....	6	36,721	+4,181	.....
1898, .....	6	32,421	—4,300	.....
1899, .....	6	31,861	—560	.....
1900, .....	6	28,146	—3,715	.....
1901, .....	6	42,098	+13,952	.....
1902, .....	6	85,345	+43,247	.....
1903, .....	6	75,682	—9,663	.....
1904, .....	6	67,183	—8,499	.....
1905, .....	6	71,894	+4,711	+39,354

**BASIC MATERIAL—Continued.**

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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**SLATE ROOFING, ETC.,  
SQUARES.**

1896, .....	14	\$55,722	\$	\$
1897, .....	14	66,448	+10,726	.....
1898, .....	14	69,499	+3,051	.....
1899, .....	14	80,325	+10,826	.....
1900, .....	14	69,280	—11,045	.....
1901, .....	14	86,468	+17,188	.....
1902, .....	14	89,997	+3,529	.....
1903, .....	14	93,798	+3,801	.....
1904, .....	14	128,871	+35,073	.....
1905, .....	14	121,585	—7,286	+65,863

**WINDOW GLASS, BOTTLES AND  
TABLE GOODS.**

1896, .....	20	1,482,143	.....	.....
1897, .....	20	1,602,952	+120,809	.....
1898, .....	20	1,560,330	—42,622	.....
1899, .....	20	1,943,606	+383,276	.....
1900, .....	20	2,017,178	+73,572	.....
1901, .....	20	1,784,703	—232,475	.....
1902, .....	20	2,055,266	+270,563	.....
1903, .....	20	2,416,193	+360,927	.....
1904, .....	20	2,435,854	+19,661	.....
1905, .....	20	2,621,173	+185,319	+1,139,030

**GLAZED AND CHROME KID.**

1896, .....	7	5,635,016	.....	.....
1897, .....	7	7,036,904	+1,401,888	.....
1898, .....	7	8,092,540	+1,055,636	.....
1899, .....	7	11,007,875	+2,915,335	.....
1900, .....	7	9,330,221	—1,677,654	.....
1901, .....	7	9,553,784	+223,563	.....
1902, .....	7	8,585,937	—967,847	.....
1903, .....	7	8,626,395	+40,458	.....
1904, .....	7	9,687,995	+1,061,600	.....
1905, .....	7	12,529,286	+2,841,291	+6,894,270

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments considered.	Basic material.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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MEN'S, WOMEN'S, MISSES' AND  
CHILDREN'S SHOES.

1896, .....	13	\$2,367,122	\$	\$
1897, .....	13	2,626,133	+259,011	.....
1898, .....	13	2,841,011	+214,878	.....
1899, .....	13	2,778,078	—62,933	.....
1900, .....	13	2,822,810	+44,732	.....
1901, .....	13	3,071,627	+248,817	.....
1902, .....	13	3,317,394	+245,767	.....
1903, .....	13	3,432,239	+114,845	.....
1904, .....	13	3,489,017	+56,778	.....
1905, .....	13	3,916,239	+427,222	+1,549,117

## SUSPENDERS.

1896, .....	2	200,936	.....	.....
1897, .....	2	233,500	+32,564	.....
1898, .....	2	245,000	+11,500	.....
1899, .....	2	315,000	+70,000	.....
1900, .....	2	440,000	+125,000	.....
1901, .....	2	476,000	+36,000	.....
1902, .....	2	530,500	+54,500	.....
1903, .....	2	576,000	+45,500	.....
1904, .....	2	616,000	+40,000	.....
1905, .....	2	676,000	+60,000	+475,064

## HATS AND CAPS.

1896, .....	3	284,490	.....	.....
1897, .....	3	418,877	+134,387	.....
1898, .....	3	377,205	—41,672	.....
1899, .....	3	433,669	+56,464	.....
1900, .....	3	508,555	+74,886	.....
1901, .....	3	467,440	—41,115	.....
1902, .....	3	467,420	—20	.....
1903, .....	3	504,914	+37,494	.....
1904, .....	3	342,434	—162,480	.....
1905, .....	3	401,779	+59,345	+117,289



## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## FUR AND FELT HATS.

1896, .....	4	\$443,621	\$	\$
1897, .....	4	476,658	+33,037	.....
1898, .....	4	494,817	+18,159	.....
1899, .....	4	593,645	+98,828	.....
1900, .....	4	729,924	+136,279	.....
1901, .....	4	873,632	+143,708	.....
1902, .....	4	916,226	+42,594	.....
1903, .....	4	1,138,294	+222,068	.....
1904, .....	4	1,211,380	+73,086	.....
1905, .....	4	1,409,374	+197,994	+965,753

## WOOL HATS.

1896, .....	6	237,917	.....	.....
1897, .....	6	286,493	+48,576	.....
1898, .....	6	261,663	—24,830	.....
1899, .....	6	277,156	+15,493	.....
1900, .....	6	429,832	+152,676	.....
1901, .....	6	355,469	—74,363	.....
1902, .....	6	363,016	+7,547	.....
1903, .....	6	445,274	+82,258	.....
1904, .....	6	353,195	—92,079	.....
1905, .....	6	376,772	+23,577	+138,855

## UMBRELLAS AND PARASOLS.

1896, .....	4	656,219	.....	.....
1897, .....	4	708,157	+51,938	.....
1898, .....	4	754,090	+45,933	.....
1899, .....	4	694,246	—59,844	.....
1900, .....	4	769,178	+74,932	.....
1901, .....	4	907,717	+138,539	.....
1902, .....	4	822,288	—85,429	.....
1903, .....	4	834,991	+12,703	.....
1904, .....	4	696,717	—138,274	.....
1905, .....	4	718,164	+21,447	+61,945

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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DRESS TRIMMINGS, BRAIDS,  
ETC.

1896, .....	8	\$536,719	\$	\$
1897, .....	8	685,631	+148,912	.....
1898, .....	8	876,508	+190,877	.....
1899, .....	8	912,697	+36,189	.....
1900, .....	8	1,029,684	+116,987	.....
1901, .....	8	958,843	—70,841	.....
1902, .....	8	998,933	+40,090	.....
1903, .....	8	1,202,292	+203,359	.....
1904, .....	8	1,132,446	—69,846	.....
1905, .....	8	1,351,092	+218,646	+814,373

## SHIRTS AND SHIRT WAISTS.

1896, .....	8	934,153	.....	.....
1897, .....	8	930,965	—3,188	.....
1898, .....	8	1,084,660	+153,695	.....
1899, .....	8	1,271,368	+186,708	.....
1900, .....	8	1,344,687	+73,319	.....
1901, .....	8	1,339,757	—4,930	.....
1902, .....	8	1,504,850	+165,093	.....
1903, .....	8	1,507,979	+3,129	.....
1904, .....	8	1,589,687	+81,708	.....
1905, .....	8	1,948,554	+358,867	+1,014,401

## NECKWEAR.

1896, .....	3	217,642	.....	.....
1897, .....	3	200,833	—16,809	.....
1898, .....	3	214,342	+13,509	.....
1899, .....	3	261,882	+47,540	.....
1900, .....	3	247,396	—14,486	.....
1901, .....	3	222,189	—25,207	.....
1902, .....	3	202,910	—19,279	.....
1903, .....	3	198,319	—4,591	.....
1904, .....	3	171,233	—27,086	.....
1905, .....	3	189,409	+18,176	—28,233

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic Material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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COTTON AND WOOLEN  
CLOTHS.

1896, .....	19	\$2,498,212	\$	\$
1897, .....	19	3,237,751	+739,539	.....
1898, .....	19	3,144,131	—93,620	.....
1899, .....	19	3,922,974	+778,843	.....
1900, .....	19	3,739,615	—183,359	.....
1901, .....	19	3,694,287	—45,328	.....
1902, .....	19	4,809,484	+1,115,197	.....
1903, .....	19	3,757,789	—1,051,695	.....
1904, .....	19	3,829,146	+71,357	.....
1905, .....	19	5,093,990	+1,264,844	+2,595,778

## CARPETS.

1896, .....	17	2,131,394	.....	.....
1897, .....	17	2,765,114	+633,720	.....
1898, .....	17	2,850,838	+85,724	.....
1899, .....	17	3,494,859	+644,021	.....
1900, .....	17	3,512,455	+17,596	.....
1901, .....	17	3,882,593	+370,138	.....
1902, .....	17	4,299,045	+416,452	.....
1903, .....	17	3,447,841	—851,204	.....
1904, .....	17	4,055,715	+607,874	.....
1905, .....	17	3,992,116	—63,599	+1,860,722

## COTTON GOODS.

1896, .....	13	1,268,142	.....	.....
1897, .....	13	1,315,221	+47,079	.....
1898, .....	13	1,277,584	—37,637	.....
1899, .....	13	1,405,804	+128,220	.....
1900, .....	13	1,533,725	+127,921	.....
1901, .....	13	1,616,840	+83,115	.....
1902, .....	13	1,591,480	—25,360	.....
1903, .....	13	1,619,342	+27,862	.....
1904, .....	13	1,631,780	+12,438	.....
1905, .....	13	1,932,531	+300,751	+664,389

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic Material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WOOLEN AND WORSTED CAS-  
SIMERES.

1896, .....	10	\$1,009,246	\$	\$
1897, .....	10	1,410,509	+401,263	.....
1898, .....	10	1,554,426	+143,917	.....
1899, .....	10	2,023,438	+469,012	.....
1900, .....	10	1,728,005	—295,433	.....
1901, .....	10	1,991,761	+263,756	.....
1902, .....	10	2,222,242	+230,481	.....
1903, .....	10	2,303,214	+80,972	.....
1904, .....	10	2,362,403	+59,189	.....
1905, .....	10	2,480,182	+117,779	+1,470,936

WOOLEN AND WORSTED  
FABRICS.

1896, .....	13	1,929,913	.....	.....
1897, .....	13	2,765,780	+835,867	.....
1898, .....	13	2,867,087	+101,307	.....
1899, .....	13	3,367,030	+499,943	.....
1900, .....	13	3,950,872	+583,842	.....
1901, .....	13	3,618,849	—332,023	.....
1902, .....	13	4,431,273	+812,424	.....
1903, .....	13	4,072,099	—359,174	.....
1904, .....	13	4,579,292	+507,193	.....
1905, .....	13	5,523,208	+943,916	+3,593,295

WOOLEN AND WORSTED  
YARNS.

1896, .....	12	1,211,445	.....	.....
1897, .....	12	2,111,958	+900,513	.....
1898, .....	12	1,994,012	—117,946	.....
1899, .....	12	2,636,300	+642,288	.....
1900, .....	12	2,370,290	—266,010	.....
1901, .....	12	2,999,031	+628,741	.....
1902, .....	12	3,214,382	+215,351	.....
1903, .....	12	3,385,995	+171,613	.....
1904, .....	12	3,265,988	—120,007	.....
1905, .....	12	3,430,805	+164,817	+2,219,360

6—9—1905.

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic Material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## RUGS, YARNS, ETC.

1896, .....	4	\$1,520,280	\$	\$
1897, .....	4	1,427,684	—92,596	.....
1898, .....	4	1,361,967	—65,717	.....
1899, .....	4	1,567,653	+205,686	.....
1900, .....	4	1,641,979	+74,326	.....
1901, .....	4	1,637,887	—4,092	.....
1902, .....	4	2,098,546	+460,659	.....
1903, .....	4	2,052,273	—46,273	.....
1904, .....	4	2,099,409	+47,136	.....
1905, .....	4	2,199,454	+100,045	+679,174

## CARPET YARNS.

1896, .....	10	784,240	.....	.....
1897, .....	10	1,200,068	+415,828	.....
1898, .....	10	922,021	—278,047	.....
1899, .....	10	1,220,285	+298,264	.....
1900, .....	10	1,163,688	—56,597	.....
1901, .....	10	1,214,828	+51,140	.....
1902, .....	10	1,382,872	+168,044	.....
1903, .....	10	1,391,545	+8,673	.....
1904, .....	10	1,526,731	+135,186	.....
1905, .....	10	1,536,969	+10,238	+752,729

## COTTON YARNS.

1896, .....	6	722,185	.....	.....
1897, .....	6	707,696	—14,489	.....
1898, .....	6	720,880	+13,184	.....
1899, .....	6	752,654	+31,774	.....
1900, .....	6	943,430	+190,776	.....
1901, .....	6	783,905	—159,525	.....
1902, .....	6	806,171	+22,266	.....
1903, .....	6	934,318	+128,147	.....
1904, .....	6	952,235	+17,917	.....
1905, .....	6	1,058,263	+106,028	+336,078



## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic Material.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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WORSTED, WOOLEN AND  
COTTON YARNS.

1896, .....	8	\$1,104,221	\$	\$
1897, .....	8	1,609,607	+505,386	.....
1898, .....	8	1,412,273	—197,334	.....
1899, .....	8	2,012,993	+600,720	.....
1900, .....	8	2,368,507	+355,514	.....
1901, .....	8	2,142,648	—225,859	.....
1902, .....	8	2,944,033	+801,385	.....
1903, .....	8	2,542,665	—401,368	.....
1904, .....	8	2,370,467	—172,198	.....
1905, .....	8	3,550,056	+1,179,579	+2,445,835

WOOLEN BLANKETS, FLAN-  
NELS, ETC.

1896, .....	5	620,465	.....	.....
1897, .....	5	638,333	+17,868	.....
1898, .....	5	1,133,808	+495,475	.....
1899, .....	5	815,512	—318,296	.....
1900, .....	5	737,822	—77,690	.....
1901, .....	5	887,731	+149,909	.....
1902, .....	5	1,045,694	+157,963	.....
1903, .....	5	1,082,655	+36,961	.....
1904, .....	5	1,554,749	+472,094	.....
1905, .....	5	1,572,956	+18,207	+952,491

LACE GOODS.

1896, .....	3	190,499	.....	.....
1897, .....	3	252,059	+61,560	.....
1898, .....	3	290,322	+38,263	.....
1899, .....	3	350,185	+59,863	.....
1900, .....	3	384,509	+34,324	.....
1901, .....	3	438,178	+53,669	.....
1902, .....	3	415,222	—22,956	.....
1903, .....	3	483,884	+68,662	.....
1904, .....	3	531,486	+47,602	.....
1905, .....	3	482,211	—49,275	+291,712

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic Material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CHENILLE GOODS.

1896, .....	2	\$239,851	\$	\$
1897, .....	2	269,695	+29,844	.....
1898, .....	2	309,595	+39,900	.....
1899, .....	2	301,058	—8,537	.....
1900, .....	2	346,340	+45,282	.....
1901, .....	2	356,261	+9,921	.....
1902, .....	2	375,822	+19,561	.....
1903, .....	2	393,614	+17,792	.....
1904, .....	2	480,348	+86,734	.....
1905, .....	2	1,071,117	+590,769	+831,266

## UPHOLSTERY GOODS.

1896, .....	7	928,222	.....	.....
1897, .....	7	1,016,496	+88,274	.....
1898, .....	7	1,157,896	+141,400	.....
1899, .....	7	1,293,680	+135,784	.....
1900, .....	7	1,147,037	—146,643	.....
1901, .....	7	1,133,620	—13,417	.....
1902, .....	7	1,378,209	+244,589	.....
1903, .....	7	1,333,404	—44,805	.....
1904, .....	7	1,017,674	—315,730	.....
1905, .....	7	1,325,065	+307,391	+396,843

## KNIT GOODS, UNDERWEAR.

1896, .....	13	1,759,305	.....	.....
1897, .....	13	1,925,739	+166,434	.....
1898, .....	13	2,058,746	+133,007	.....
1899, .....	13	2,215,033	+156,287	.....
1900, .....	13	2,926,399	+711,366	.....
1901, .....	13	2,537,073	—389,326	.....
1902, .....	13	2,592,816	+55,743	.....
1903, .....	13	2,572,988	—19,828	.....
1904, .....	13	2,146,823	—426,165	.....
1905, .....	13	2,096,790	—50,033	+337,485

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic Material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
HOSIERY.				
1896, .....	31	\$1,626,945	\$	\$
1897, .....	31	2,117,807	+490,862	.....
1898, .....	31	2,312,556	+194,749	.....
1899, .....	31	2,306,461	—6,095	.....
1900, .....	31	2,634,225	+327,764	.....
1901, .....	31	2,737,834	+103,609	.....
1902, .....	31	2,860,703	+122,869	.....
1903, .....	31	2,840,077	—20,626	.....
1904, .....	31	2,993,379	+153,302	.....
1905, .....	31	3,260,548	+267,169	+1,633,603
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896, .....	5	2,273,478	.....	.....
1897, .....	5	3,264,490	+991,012	.....
1898, .....	5	3,680,921	+416,431	.....
1899, .....	5	4,619,634	+938,713	.....
1900, .....	5	4,546,170	—73,464	.....
1901, .....	5	3,628,140	—918,030	.....
1902, .....	5	4,707,632	+1,079,492	.....
1903, .....	5	5,349,469	+641,837	.....
1904, .....	5	4,787,295	—562,174	.....
1905, .....	5	5,607,675	+820,380	+3,334,197
SILK—BROAD GOODS AND RIB- BONS.				
1896, .....	2	700,000	.....	.....
1897, .....	2	1,000,000	+300,000	.....
1898, .....	2	1,200,000	+200,000	.....
1899, .....	2	1,315,000	+115,000	.....
1900, .....	2	1,128,292	—186,708	.....
1901, .....	2	1,202,479	+74,187	.....
1902, .....	2	1,581,158	+378,679	.....
1903, .....	2	1,757,771	+176,613	.....
1904, .....	2	2,197,673	+439,902	.....
1905, .....	2	1,808,219	—389,454	+1,108,219

## BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic Material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
SILK—RIBBONS.				
1896, .....	3	\$219,273	\$	\$
1897, .....	3	316,395	+97,122	.....
1898, .....	3	348,131	+31,736	.....
1899, .....	3	354,347	+6,216	.....
1900, .....	3	319,557	—34,790	.....
1901, .....	3	472,181	+152,624	.....
1902, .....	3	781,861	+309,680	.....
1903, .....	3	987,806	+205,945	.....
1904, .....	3	1,088,001	+100,195	.....
1905, .....	3	1,101,514	+13,513	+882,241

DAYS IN OPERATION.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the average number of days of employment by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are considered.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
TOOL STEEL				
1896, .....	3	267	.....	.....
1897, .....	3	242	—25	.....
1898, .....	3	311	+69	.....
1899, .....	3	291	—20	.....
1900, .....	3	292	+1	.....
1901, .....	3	295	+3	.....
1902, .....	3	300	+5	.....
1903, .....	3	300	.....	.....
1904, .....	3	300	.....	.....
1905, .....	3	302	+2	+35
IRON AND STEEL FORGINGS.				
1896, .....	5	280	.....	.....
1897, .....	5	295	+15	.....
1898, .....	5	297	+2	.....
1899, .....	5	300	+3	.....
1900, .....	5	300	.....	.....
1901, .....	5	277	—23	.....
1902, .....	5	291	+14	.....
1903, .....	5	295	+4	.....
1904, .....	5	304	+9	.....
1905, .....	5	297	—7	+17
MALLEABLE IRON.				
1896, .....	4	292	.....	.....
1897, .....	4	292	.....	.....
1898, .....	4	298	+6	.....
1899, .....	4	298	.....	.....
1900, .....	4	291	—7	.....
1901, .....	4	286	—5	.....
1902, .....	4	299	+13	.....
1903, .....	4	298	—1	.....
1904, .....	4	294	—4	.....
1905, .....	4	298	+4	+6



## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## BOLTS, NUTS, ETC.

1896, .....	7	240	.....	.....
1897, .....	7	257	+17	.....
1898, .....	7	270	+13	.....
1899, .....	7	298	+28	.....
1900, .....	7	299	+1	.....
1901, .....	7	307	+8	.....
1902, .....	7	309	+2	.....
1903, .....	7	306	-3	.....
1904, .....	7	260	-46	.....
1905, .....	7	303	+43	+63

## WIRE NAILS, RIVETS, ETC.

1896, .....	3	278	.....	.....
1897, .....	3	270	-8	.....
1898, .....	3	307	+37	.....
1899, .....	3	270	-37	.....
1900, .....	3	303	+33	.....
1901, .....	3	301	-2	.....
1902, .....	3	295	-6	.....
1903, .....	3	299	+4	.....
1904, .....	3	280	-19	.....
1905, .....	3	296	+16	+18

## TACKS AND SMALL NAILS.

1896, .....	3	222	.....	.....
1897, .....	3	204	-18	.....
1898, .....	3	256	+52	.....
1899, .....	3	287	+31	.....
1900, .....	3	241	-46	.....
1901, .....	3	283	+42	.....
1902, .....	3	256	-27	.....
1903, .....	3	273	+17	.....
1904, .....	3	264	-9	.....
1905, .....	3	268	+4	+16

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
WIRE.				
1896, .....	4	277	.....	.....
1897, .....	4	254	-23	.....
1898, .....	4	322	+68	.....
1899, .....	4	329	+7	.....
1900, .....	4	302	-27	.....
1901, .....	4	303	+1	.....
1902, .....	4	301	-2	.....
1903, .....	4	257	-44	.....
1904, .....	4	294	+37	.....
1905, .....	4	296	+2	+19
WIRE ROPE.				
1896, .....	2	302	.....	.....
1897, .....	2	303	+1	.....
1898, .....	2	303	.....	.....
1899, .....	2	304	+1	.....
1900, .....	2	306	+2	.....
1901, .....	2	308	+2	.....
1902, .....	2	307	-1	.....
1903, .....	2	303	-4	.....
1904, .....	2	299	-4	.....
1905, .....	2	305	+6	+3
WIRE GOODS.				
1896, .....	5	296	.....	.....
1897, .....	5	300	+4	.....
1898, .....	5	301	+1	.....
1899, .....	5	301	.....	.....
1900, .....	5	301	.....	.....
1901, .....	5	294	-7	.....
1902, .....	5	279	-15	.....
1903, .....	5	295	+16	.....
1904, .....	5	291	-4	.....
1905, .....	5	291	.....	-5

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WAGON AND CARRIAGE AXLES  
AND SPRINGS.

1896, .....	4	257	.....	.....
1897, .....	4	271	+14	.....
1898, .....	4	292	+21	.....
1899, .....	4	286	—6	.....
1900, .....	4	280	—6	.....
1901, .....	4	284	+4	.....
1902, .....	4	285	+1	.....
1903, .....	4	287	+2	.....
1904, .....	4	290	+3	.....
1905, .....	4	294	+4	+37

## SCALES, ETC.

1896, .....	3	276	.....	.....
1897, .....	3	287	+11	.....
1898, .....	3	298	+11	.....
1899, .....	3	302	+4	.....
1900, .....	3	298	—4	.....
1901, .....	3	292	—6	.....
1902, .....	3	292	.....	.....
1903, .....	3	294	+2	.....
1904, .....	3	298	+4	.....
1905, .....	3	298	.....	+22

STOVES, RANGES, HEATERS,  
ETC.

1896, .....	28	210	.....	.....
1897, .....	28	229	+19	.....
1898, .....	28	238	+9	.....
1899, .....	28	255	+17	.....
1900, .....	28	246	—9	.....
1901, .....	28	254	+8	.....
1902, .....	28	261	+7	.....
1903, .....	28	258	—3	.....
1904, .....	28	265	+7	.....
1905, .....	28	272	+17	+52

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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BATH BOILERS, TANKS, ETC.

1896, .....	2	309	.....	.....
1897, .....	2	305	—4	.....
1898, .....	2	302	—3	.....
1899, .....	2	304	+2	.....
1900, .....	2	308	+4	.....
1901, .....	2	304	—4	.....
1902, .....	2	305	+1	.....
1903, .....	2	304	—1	.....
1904, .....	2	303	—1	.....
1905, .....	2	303	.....	—6

HARDWARE SPECIALTIES.

1896, .....	12	266	.....	.....
1897, .....	12	274	+8	.....
1898, .....	12	258	—16	.....
1899, .....	12	280	+22	.....
1900, .....	12	251	—29	.....
1901, .....	12	299	+48	.....
1902, .....	12	299	.....	.....
1903, .....	12	296	—3	.....
1904, .....	12	287	—9	.....
1905, .....	12	294	+7	+23

EDGE TOOLS.

1896, .....	12	246	.....	.....
1897, .....	12	227	—19	.....
1898, .....	12	291	+64	.....
1899, .....	12	294	+3	.....
1900, .....	12	297	+3	.....
1901, .....	12	297	.....	.....
1902, .....	12	299	+2	.....
1903, .....	12	274	—25	.....
1904, .....	12	230	—44	.....
1905, .....	12	271	+41	+25

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WRENCHES, PICKS, ETC.

1896, .....	5	240	.....	.....
1897, .....	5	266	+26	.....
1898, .....	5	283	+17	.....
1899, .....	5	293	+10	.....
1900, .....	5	280	—13	.....
1901, .....	5	281	+1	.....
1902, .....	5	283	+2	.....
1903, .....	5	298	+15	.....
1904, .....	5	280	—18	.....
1905, .....	5	284	+4	+44

## LOCOMOTIVES AND CARS BUILT AND REPAIRED.

1896, .....	3	273	.....	.....
1897, .....	3	282	+9	.....
1898, .....	3	296	+14	.....
1899, .....	3	304	+8	.....
1900, .....	3	303	—1	.....
1901, .....	3	304	+1	.....
1902, .....	3	303	—1	.....
1903, .....	3	300	—3	.....
1904, .....	3	298	—2	.....
1905, .....	3	299	+1	+26

## WROUGHT IRON PIPE AND TUBES.

1896, .....	5	283	.....	.....
1897, .....	5	298	+15	.....
1898, .....	5	303	+5	.....
1899, .....	5	269	—34	.....
1900, .....	5	266	—3	.....
1901, .....	5	284	+18	.....
1902, .....	5	220	—64	.....
1903, .....	5	288	+68	.....
1904, .....	5	272	—16	.....
1905, .....	5	295	+23	+12



## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## CAST IRON PIPE.

1896, .....	3	303	.....	.....
1897, .....	3	302	—1	.....
1898, .....	3	296	—6	.....
1899, .....	3	252	—44	.....
1900, .....	3	306	+54	.....
1901, .....	3	315	+9	.....
1902, .....	3	313	—2	.....
1903, .....	3	291	—22	.....
1904, .....	3	275	—16	.....
1905, .....	3	309	+34	+6

## BRASS, COPPER AND BRONZE GOODS.

1896, .....	18	295	.....	.....
1897, .....	18	294	—1	.....
1898, .....	18	297	+3	.....
1899, .....	18	303	+6	.....
1900, .....	18	299	—4	.....
1901, .....	18	305	+6	.....
1902, .....	18	303	—2	.....
1903, .....	18	300	—3	.....
1904, .....	18	298	—2	.....
1905, .....	18	301	+3	+6

## IRON AND STEEL BRIDGES.

1896, .....	7	294	.....	.....
1897, .....	7	298	+4	.....
1898, .....	7	302	+4	.....
1899, .....	7	280	—22	.....
1900, .....	7	301	+21	.....
1901, .....	7	309	+8	.....
1902, .....	7	310	+1	.....
1903, .....	7	309	—1	.....
1904, .....	7	309	.....	.....
1905, .....	7	301	—8	+7

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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LOCOMOTIVES, STATIONARY  
ENGINES, ETC.

1896, .....	9	306	.....	.....
1897, .....	9	306	.....	.....
1898, .....	9	305	—1	.....
1899, .....	9	307	+2	.....
1900, .....	9	307	.....	.....
1901, .....	9	303	—4	.....
1902, .....	9	308	+5	.....
1903, .....	9	305	—3	.....
1904, .....	9	304	—1	.....
1905, .....	9	306	+2	.....

ENGINES, BOILERS, ETC.

1896, .....	9	295	.....	.....
1897, .....	9	294	—1	.....
1898, .....	9	304	+10	.....
1899, .....	9	301	—3	.....
1900, .....	9	306	+5	.....
1901, .....	9	303	—3	.....
1902, .....	9	299	—4	.....
1903, .....	9	301	+2	.....
1904, .....	9	300	—1	.....
1905, .....	9	298	—2	+3

CAR SPRINGS, AXLES AND  
RAILWAY SUPPLIES.

1896, .....	9	257	.....	.....
1897, .....	9	280	+23	.....
1898, .....	9	294	+14	.....
1899, .....	9	310	+16	.....
1900, .....	9	311	+1	.....
1901, .....	9	308	—3	.....
1902, .....	9	308	.....	.....
1903, .....	9	306	—2	.....
1904, .....	9	283	—23	.....
1905, .....	9	309	+26	+52

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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IRON VESSELS AND ENGINES.

1896, .....	3	306	.....	.....
1897, .....	3	305	—1	.....
1898, .....	3	304	—1	.....
1899, .....	3	296	—8	.....
1900, .....	3	292	—4	.....
1901, .....	3	330	+38	.....
1902, .....	3	325	—5	.....
1903, .....	3	303	—22	.....
1904, .....	3	304	+1	.....
1905, .....	3	303	—1	—3

BOILERS, TANKS, STACKS, ETC.

1896, .....	20	300	.....	.....
1897, .....	20	299	—1	.....
1898, .....	20	302	+3	.....
1899, .....	20	304	+2	.....
1900, .....	20	316	+12	.....
1901, .....	20	307	—9	.....
1902, .....	20	301	—6	.....
1903, .....	20	306	+5	.....
1904, .....	20	297	—9	.....
1905, .....	20	300	+3	.....

MACHINERY.

1896, .....	18	301	.....	.....
1897, .....	18	307	+6	.....
1898, .....	18	300	—7	.....
1899, .....	18	303	+3	.....
1900, .....	18	302	—1	.....
1901, .....	18	307	+5	.....
1902, .....	18	298	—9	.....
1903, .....	18	304	+6	.....
1904, .....	18	300	—4	.....
1905, .....	18	302	+2	+1

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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FOUNDRIES AND MACHINE  
SHOPS.

1896, .....	24	286	.....	.....
1897, .....	24	295	+9	.....
1898, .....	24	296	+1	.....
1899, .....	24	304	+8	.. ..
1900, .....	24	300	—4	.....
1901, .....	24	303	+3	.....
1902, .....	24	305	+2	.....
1903, .....	24	303	—2	.....
1904, .....	24	295	—8	.... .
1905, .....	24	291	—4	+5

FILES, ETC.

1896, .....	2	275	.....	.....
1897, .....	2	266	—9	.....
1898, .....	2	278	+12	.....
1899, .....	2	302	+24	.....
1900, .....	2	295	—7	.....
1901, .....	2	288	—7	.....
1902, .....	2	302	+14	.....
1903, .....	2	302	.....	.....
1904, .....	2	306	+4	.....
1905, .....	2	303	—3	+28

SAWS.

1896, .....	3	229	.....	.....
1897, .....	3	210	—19	.....
1898, .....	3	244	+34	.....
1899, .....	3	250	+6	.....
1900, .....	3	281	+31	.....
1901, .....	3	288	+7	.....
1902, .....	3	295	+7	.....
1903, .....	3	287	—8	.....
1904, .....	3	290	+3	.....
1905, .....	3	289	—1	+60

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## PLUMBER SUPPLIES.

1896, .....	3	281	.....	.....
1897, .....	3	269	—12	.....
1898, .....	3	290	+21	.....
1899, .....	3	312	+22	.....
1900, .....	3	312	.....	.....
1901, .....	3	332	+20	.....
1902, .....	3	321	—11	.....
1903, .....	3	320	—1	.....
1904, .....	3	319	—1	.....
1905, .....	3	318	—1	+37

## ELECTRICAL SUPPLIES.

1896, .....	2	289	.....	.....
1897, .....	2	296	+7	.....
1898, .....	2	301	+5	.....
1899, .....	2	302	+1	.....
1900, .....	2	296	—6	.....
1901, .....	2	300	+4	.....
1902, .....	2	301	+1	.....
1903, .....	2	298	—3	.....
1904, .....	2	294	—4	.....
1905, .....	2	305	+11	+16

SHOVELS, SPADES, SCOOPS,  
ETC.

1896, .....	8	210	.....	.....
1897, .....	8	219	+9	.....
1898, .....	8	246	+27	.....
1899, .....	8	281	+35	.....
1900, .....	8	253	—28	.....
1901, .....	8	283	+30	.....
1902, .....	8	283	.....	.....
1903, .....	8	278	—5	.....
1904, .....	8	270	—8	.....
1905, .....	8	291	+21	+81

7—9—1905.



## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SAFES AND VAULT DOORS.

1896, .....	2	307	.....	.....
1897, .....	2	301	—6	.....
1898, .....	2	298	—3	.....
1899, .....	2	294	—4	.....
1900, .....	2	290	—4	.....
1901, .....	2	303	+13	.....
1902, .....	2	304	+1	.....
1903, .....	2	305	+1	.....
1904, .....	2	303	—2	.....
1905, .....	2	302	—1	—5

## METAL AND METALLIC GOODS.

1896, .....	3	234	.....	.....
1897, .....	3	258	+24	.....
1898, .....	3	255	—3	.....
1899, .....	3	265	+10	.....
1900, .....	3	275	+10	.....
1901, .....	3	294	+19	.....
1902, .....	3	287	—7	.....
1903, .....	3	288	+1	.....
1904, .....	3	287	—1	.....
1905, .....	3	184	—193	—50

BUILDING AND STRUCTURAL  
IRON WORK.

1896, .....	2	301	.....	.....
1897, .....	2	302	+1	.....
1898, .....	2	307	+5	.....
1899, .....	2	305	—2	.....
1900, .....	2	306	+1	.....
1901, .....	2	306	.....	.....
1902, .....	2	306	.....	.....
1903, .....	2	306	.....	.....
1904, .....	2	305	—1	.....
1905, .....	2	306	+1	+5

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## IRON CHAINS.

1896, .....	5	264	.....	.....
1897, .....	5	272	+8	.....
1898, .....	5	298	+26	.....
1899, .....	5	296	-2	.....
1900, .....	5	252	-44	.....
1901, .....	5	290	+38	.....
1902, .....	5	274	-16	.....
1903, .....	5	275	+1	.....
1904, .....	5	264	-11	.....
1905, .....	5	267	+3	+3

## IRON FENCES AND RAILINGS.

1896, .....	7	293	.....	.....
1897, .....	7	298	+5	.....
1898, .....	7	305	+7	.....
1899, .....	7	303	-2	.....
1900, .....	7	305	+2	.....
1901, .....	7	306	+1	.....
1902, .....	7	307	+1	.....
1903, .....	7	304	-3	.....
1904, .....	7	304	.....	.....
1905, .....	7	306	+2	+13

## AGRICULTURAL IMPLEMENTS.

1896, .....	10	287	.....	.....
1897, .....	10	294	+7	.....
1898, .....	10	300	+6	.....
1899, .....	10	298	-2	.....
1900, .....	10	299	+1	.....
1901, .....	10	302	+3	.....
1902, .....	10	300	-2	.....
1903, .....	10	302	+2	.....
1904, .....	10	296	-6	.....
1905, .....	10	302	+6	+15

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
STEAM PUMPS.				
1896, .....	2	307	.....	.....
1897, .....	2	307	.....	.....
1898, .....	2	304	—3	.....
1899, .....	2	301	—3	.....
1900, .....	2	301	.....	.....
1901, .....	2	302	+1	.....
1902, .....	2	302	.....	.....
1903, .....	2	304	+2	.....
1904, .....	2	300	—4	.....
1905, .....	2	262	—38	—45
PIANOS AND ORGANS.				
1896, .....	2	271	.....	.....
1897, .....	2	292	+21	.....
1898, .....	2	294	+2	.....
1899, .....	2	293	—1	.....
1900, .....	2	292	—1	.....
1901, .....	2	296	+4	.....
1902, .....	2	297	+1	.....
1903, .....	2	297	.....	.....
1904, .....	2	295	—2	.....
1905, .....	2	296	+1	+25
TINWARE.				
1896, .....	5	301	.....	.....
1897, .....	5	301	.....	.....
1898, .....	5	300	—1	.....
1899, .....	5	301	+1	.....
1900, .....	5	300	—1	.....
1901, .....	5	272	—28	.....
1902, .....	5	302	+30	.....
1903, .....	5	295	—7	.....
1904, .....	5	303	+8	.....
1905, .....	5	298	—5	—3

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896
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PAPER MANUFACTORIES.

1896, .....	8	262	.....	.....
1897, .....	8	277	+15	.....
1898, .....	8	283	+6	.....
1899, .....	8	284	+1	.....
1900, .....	8	297	+13	.....
1901, .....	8	293	-4	.....
1902, .....	8	290	-3	.....
1903, .....	8	300	+10	.....
1904, .....	8	284	-16	.....
1905, .....	8	298	+14	+36

WALL PAPER.

1896, .....	3	254	.....	.....
1897, .....	3	281	+27	.....
1898, .....	3	282	+1	.....
1899, .....	3	280	-2	.....
1900, .....	3	290	+10	.....
1901, .....	3	289	-1	.....
1902, .....	3	290	+1	.....
1903, .....	3	291	+1	.....
1904, .....	3	294	+3	.....
1905, .....	3	300	+6	+46

CIGARS.

1896, .....	43	287	.....	.....
1897, .....	43	291	+4	.....
1898, .....	43	293	+2	.....
1899, .....	43	295	+2	.....
1900, .....	43	296	+1	.....
1901, .....	43	294	-2	.....
1902, .....	43	294	.....	.....
1903, .....	43	292	-2	.....
1904, .....	43	297	+5	.....
1905, .....	43	285	-12	-2

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOOK BINDING.

1896, .....	3	301	.....	.....
1897, .....	3	280	—21	.....
1898, .....	3	283	+3	.....
1899, .....	3	280	—3	.....
1900, .....	3	288	+8	.....
1901, .....	3	290	+2	.....
1902, .....	3	279	—11	.....
1903, .....	3	298	+19	.....
1904, .....	3	307	+9	.....
1905, .....	3	308	+1	+7

## CORDAGE ROPE AND TWINE.

1896, .....	5	288	.....	.....
1897, .....	5	317	+29	.....
1898, .....	5	312	—5	.....
1899, .....	5	312	.....	.....
1900, .....	5	300	—12	.....
1901, .....	5	300	.....	.....
1902, .....	5	296	—4	.....
1903, .....	5	294	—2	.....
1904, .....	5	291	—3	.....
1905, .....	5	285	—6	—3

## PAPER, PAPER BOXES, ENVELOPES, ETC.

1896, .....	26	297	.....	.....
1897, .....	26	301	+4	.....
1898, .....	26	302	+1	.....
1899, .....	26	303	+1	.....
1900, .....	26	300	—3	.....
1901, .....	26	301	+1	.....
1902, .....	26	297	—4	.....
1903, .....	26	302	+5	.....
1904, .....	26	300	—2	.....
1905, .....	26	297	—3	.....



## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## POTTERY.

1896, .....	2	302	.....	.....
1897, .....	2	287	-15	.....
1898, .....	2	291	+4	.....
1899, .....	2	298	+7	.....
1900, .....	2	288	-10	.....
1901, .....	2	304	+16	.....
1902, .....	2	303	-1	.....
1903, .....	2	301	-2	.....
1904, .....	2	306	+5	.....
1905, .....	2	305	-1	-3

## PAVING BRICK.

1896, .....	7	255	.....	.....
1897, .....	7	247	-8	.....
1898, .....	7	246	-1	.....
1899, .....	7	230	-16	.....
1900, .....	7	270	+40	.....
1901, .....	7	234	-36	.....
1902, .....	7	253	+19	.....
1903, .....	7	259	+6	.....
1904, .....	7	238	-21	.....
1905, .....	7	267	+29	+12

## BUILDING BRICK.

1896, .....	30	237	.....	.....
1897, .....	30	232	-5	.....
1898, .....	30	228	-4	.....
1899, .....	30	230	+2	.....
1900, .....	30	225	-5	.....
1901, .....	30	234	+9	.....
1902, .....	30	235	+1	.....
1903, .....	30	242	+7	.....
1904, .....	30	226	-16	.....
1905, .....	30	239	+13	+2

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## FIRE BRICK.

1896, .....	17	283	.....	.....
1897, .....	17	281	—2	.....
1898, .....	17	243	—38	.....
1899, .....	17	249	+6	.....
1900, .....	17	300	+51	.....
1901, .....	17	298	—2	.....
1902, .....	17	297	—1	.....
1903, .....	17	267	—30	.....
1904, .....	17	289	+22	.....
1905, .....	17	296	+7	+13

SLATE ROOFING, ETC., TON-  
NAGE.

1896, .....	6	229	.....	.....
1897, .....	6	226	—3	.....
1898, .....	6	245	+19	.....
1899, .....	6	236	—9	.....
1900, .....	6	255	+19	.....
1901, .....	6	268	+13	.....
1902, .....	6	251	—17	.....
1903, .....	6	266	+15	.....
1904, .....	6	246	—20	.....
1905, .....	6	250	+4	+21

SLATE ROOFING, ETC.,  
SQUARES.

1896, .....	14	238	.....	.....
1897, .....	14	239	+1	.....
1898, .....	14	177	—62	.....
1899, .....	14	245	+68	.....
1900, .....	14	244	—1	.....
1901, .....	14	254	+10	.....
1902, .....	14	255	+1	.....
1903, .....	14	265	+10	.....
1904, .....	14	232	—33	.....
1905, .....	14	241	+9	+3

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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WINDOW GLASS, BOTTLES AND  
TABLE GOODS.

1896, .....	20	242	.....	.....
1897, .....	20	266	+24	.....
1898, .....	20	277	+11	.....
1899, .....	20	285	+8	.....
1900, .....	20	266	—19	.....
1901, .....	20	256	—10	.....
1902, .....	20	267	+11	.....
1903, .....	20	270	+3	.....
1904, .....	20	226	—44	.....
1905, .....	20	279	+53	+37

## GLAZED AND CHROME KIL.

1896, .....	7	299	.....	.....
1897, .....	7	301	+2	.....
1898, .....	7	298	—3	.....
1899, .....	7	300	+2	.....
1900, .....	7	270	—30	.....
1901, .....	7	298	+28	.....
1902, .....	7	282	—16	.....
1903, .....	7	296	+14	.....
1904, .....	7	303	+7	.....
1905, .....	7	298	—5	—1

MEN'S, WOMEN'S, MISSES' AND  
CHILDREN'S SHOES.

1896, .....	13	281	.....	.....
1897, .....	13	294	+13	.....
1898, .....	13	298	+4	.....
1899, .....	13	293	—5	.....
1900, .....	13	295	+2	.....
1901, .....	13	299	+4	.....
1902, .....	13	295	—4	.....
1903, .....	13	298	+3	.....
1904, .....	13	299	+1	.....
1905, .....	13	298	—1	+17

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SUSPENDERS.

1896, .....	2	295	.....	.....
1897, .....	2	403	+108	.....
1898, .....	2	297	—106	.....
1899, .....	2	299	+2	.....
1900, .....	2	298	—1	.....
1901, .....	2	298	.....	.....
1902, .....	2	297	—1	.....
1903, .....	2	296	—1	.....
1904, .....	2	294	—2	.....
1905, .....	2	297	+3	+2

## HATS AND CAPS.

1896, .....	3	284	.....	.....
1897, .....	3	289	+5	.....
1898, .....	3	286	—3	.....
1899, .....	3	283	—3	.....
1900, .....	3	282	—1	.....
1901, .....	3	287	+5	.....
1902, .....	3	282	—5	.....
1903, .....	3	296	+14	.....
1904, .....	3	260	—36	.....
1905, .....	3	287	+27	+3

## FUR AND FELT HATS.

1896, .....	4	307	.....	.....
1897, .....	4	308	+1	.....
1898, .....	4	307	—1	.....
1899, .....	4	309	+2	.....
1900, .....	4	309	.....	.....
1901, .....	4	308	—1	.....
1902, .....	4	309	+1	.....
1903, .....	4	307	—2	.....
1904, .....	4	307	.....	.....
1905, .....	4	306	—1	—1

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WOOL HATS.

1896, .....	6	274	.....	.....
1897, .....	6	256	—18	.....
1898, .....	6	275	+19	.....
1899, .....	6	263	—12	.....
1900, .....	6	301	+38	.....
1901, .....	6	286	—15	.....
1902, .....	6	288	+2	.....
1903, .....	6	284	—4	.....
1904, .....	6	229	—55	.....
1905, .....	6	238	+9	—36

## UMBRELLAS AND PARASOLS.

1896, .....	4	307	.....	.....
1897, .....	4	307	.....	.....
1898, .....	4	308	+1	.....
1899, .....	4	308	.....	.....
1900, .....	4	306	—2	.....
1901, .....	4	306	.....	.....
1902, .....	4	306	.....	.....
1903, .....	4	305	—1	.....
1904, .....	4	306	+1	.....
1905, .....	4	305	—1	—2

DRESS TRIMMINGS, BRAIDS,  
ETC.

1896, .....	8	287	.....	.....
1897, .....	8	295	+8	.....
1898, .....	8	298	+3	.....
1899, .....	8	301	+3	.....
1900, .....	8	302	+1	.....
1901, .....	8	292	—10	.....
1902, .....	8	292	.....	.....
1903, .....	8	297	+5	.....
1904, .....	8	302	+5	.....
1905, .....	8	302	.....	+15



## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## SHIRTS AND SHIRT WAISTS.

1896, .....	8	286	.....	.....
1897, .....	8	298	+12	.....
1898, .....	8	298	.....	.....
1899, .....	8	298	.....	.....
1900, .....	8	299	+1	.....
1901, .....	8	299	.....	.....
1902, .....	8	297	-2	.....
1903, .....	8	298	+1	.....
1904, .....	8	285	-13	.....
1905, .....	8	298	+13	+12

## NECKWEAR.

1896, .....	3	308	.....	.....
1897, .....	3	306	-2	.....
1898, .....	3	308	+2	.....
1899, .....	3	308	.....	.....
1900, .....	3	308	.....	.....
1901, .....	3	308	.....	.....
1902, .....	3	308	.....	.....
1903, .....	3	307	-1	.....
1904, .....	3	305	-2	.....
1905, .....	3	306	+1	-2

## COTTON AND WOOLEN CLOTHS.

1896, .....	19	273	.....	.....
1897, .....	19	291	+18	.....
1898, .....	19	266	-25	.....
1899, .....	19	268	+2	.....
1900, .....	19	278	+10	.....
1901, .....	19	284	+6	.....
1902, .....	19	299	+15	.....
1903, .....	19	272	-27	.....
1904, .....	19	285	+13	.....
1905, .....	19	297	+12	+24

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CARPETS.

1896, .....	17	264	.....	.....
1897, .....	17	292	+28	.....
1898, .....	17	292	.....	.....
1899, .....	17	302	+10	.....
1900, .....	17	297	—5	.....
1901, .....	17	298	+1	.....
1902, .....	17	299	+1	.....
1903, .....	17	211	—88	.....
1904, .....	17	286	+75	.....
1905, .....	17	293	+7	+29

## COTTON GOODS.

1896, .....	13	263	.....	.....
1897, .....	13	278	+15	.....
1898, .....	13	291	+13	.....
1899, .....	13	297	+6	.....
1900, .....	13	299	+2	.....
1901, .....	13	292	—7	.....
1902, .....	13	300	+8	.....
1903, .....	13	285	—15	.....
1904, .....	13	285	.....	.....
1905, .....	13	299	+14	+36

WOOLEN AND WORSTED CASSI-  
MERES.

1896, .....	10	269	.....	.....
1897, .....	10	276	+7	.....
1898, .....	10	263	—13	.....
1899, .....	10	280	+17	.....
1900, .....	10	290	+10	.....
1901, .....	10	278	—12	.....
1902, .....	10	284	+6	.....
1903, .....	10	286	+2	.....
1904, .....	10	279	—7	.....
1905, .....	10	291	+12	+22

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase (+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease (-) 1905 as compared with 1896.
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WOOLEN AND WORSTED  
FABRICS.

1896, .....	13	244	.....	.....
1897, .....	13	288	+44	.....
1898, .....	13	288	.....	.....
1899, .....	13	298	+10	.....
1900, .....	13	296	-2	.....
1901, .....	13	296	.....	.....
1902, .....	13	302	+6	.....
1903, .....	13	289	-13	.....
1904, .....	13	306	+17	.....
1905, .....	13	300	-6	+56

WOOLEN AND WORSTED  
YARNS.

1896, .....	12	248	.....	.....
1897, .....	12	290	+42	.....
1898, .....	12	289	-1	.....
1899, .....	12	291	+2	.....
1900, .....	12	279	-12	.....
1901, .....	12	292	+13	.....
1902, .....	12	299	+7	.....
1903, .....	12	289	-10	.....
1904, .....	12	291	+2	.....
1905, .....	12	292	+1	+44

RUGS, YARNS, ETC.

1896, .....	4	254	.....	.....
1897, .....	4	269	+15	.....
1898, .....	4	274	+5	.....
1899, .....	4	283	+9	.....
1900, .....	4	292	+9	.....
1901, .....	4	277	-15	.....
1902, .....	4	275	-2	.....
1903, .....	4	268	-7	.....
1904, .....	4	272	+4	.....
1905, .....	4	281	+9	+27

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CARPET YARNS.

1896, .....	10	265	.....	.....
1897, .....	10	298	+33	.....
1898, .....	10	268	—30	.....
1899, .....	10	299	+31	.....
1900, .....	10	277	—22	.....
1901, .....	10	291	+14	.....
1902, .....	10	299	+8	.....
1903, .....	10	273	—26	.....
1904, .....	10	278	+5	.....
1905, .....	10	282	+4	+17

## COTTON YARNS.

1896, .....	6	266	.....	.....
1897, .....	6	274	+8	.....
1898, .....	6	293	+19	.....
1899, .....	6	289	—4	.....
1900, .....	6	300	+11	.....
1901, .....	6	285	—15	.....
1902, .....	6	286	+1	.....
1903, .....	6	247	—39	.....
1904, .....	6	248	+1	.....
1905, .....	6	300	+52	+34

WORSTED, WOOLEN AND COT-  
TON YARNS.

1896, .....	8	245	.....	.....
1897, .....	8	287	+42	.....
1898, .....	8	231	—56	.....
1899, .....	8	259	+28	.....
1900, .....	8	295	+36	.....
1901, .....	8	288	—7	.....
1902, .....	8	294	+6	.....
1903, .....	8	293	—1	.....
1904, .....	8	279	—14	.....
1905, .....	8	302	+23	+57

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## WOOLEN BLANKETS, FLANNELS, ETC.

1896, .....	5	304	.....	.....
1897, .....	5	301	—3	.....
1898, .....	5	351	+50	.....
1899, .....	5	279	—72	.....
1900, .....	5	303	+24	.....
1901, .....	5	291	—12	.....
1902, .....	5	298	+7	.....
1903, .....	5	286	—12	.....
1904, .....	5	283	—3	.....
1905, .....	5	289	+6	—15

## LACE GOODS.

1896, .....	3	274	.....	.....
1897, .....	3	296	+22	.....
1898, .....	3	307	+11	.....
1899, .....	3	305	—2	.....
1900, .....	3	303	—2	.....
1901, .....	3	302	—1	.....
1902, .....	3	270	—32	.....
1903, .....	3	304	+34	.....
1904, .....	3	286	—18	.....
1905, .....	3	295	+9	+21

## CHENILLE GOODS.

1896, .....	2	284	.....	.....
1897, .....	2	300	+16	.....
1898, .....	2	300	.....	.....
1899, .....	2	300	.....	.....
1900, .....	2	301	+1	.....
1901, .....	2	305	+4	.....
1902, .....	2	286	—19	.....
1903, .....	2	267	—19	.....
1904, .....	2	287	+20	.....
1905, .....	2	295	+8	+11



## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## UPHOLSTERY GOODS.

1896, .....	7	288	.....	.....
1897, .....	7	299	+11	.....
1898, .....	7	299	.....	.....
1899, .....	7	292	—7	.....
1900, .....	7	273	—19	.....
1901, .....	7	301	+28	.....
1902, .....	7	303	+2	.....
1903, .....	7	252	—51	.....
1904, .....	7	282	+30	.....
1905, .....	7	300	+18	+12

## KNIT GOODS, UNDERWEAR.

1896, .....	13	271	.....	.....
1897, .....	13	289	+18	.....
1898, .....	13	280	—9	.....
1899, .....	13	279	—1	.....
1900, .....	13	291	+12	.....
1901, .....	13	282	—9	.....
1902, .....	13	295	+13	.....
1903, .....	13	297	+2	.....
1904, .....	13	295	—2	.....
1905, .....	13	297	+2	+26

## HOSIERY.

1896, .....	31	256	.....	.....
1897, .....	31	290	+34	.....
1898, .....	31	286	—4	.....
1899, .....	31	281	—5	.....
1900, .....	31	287	+6	.....
1901, .....	31	290	+3	.....
1902, .....	31	295	+5	.....
1903, .....	31	275	—20	.....
1904, .....	31	284	+9	.....
1905, .....	31	293	+19	+37

8—9—1905.

## DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
<b>SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.</b>				
1896, .....	5	274	.....	.....
1897, .....	5	301	+27	.....
1898, .....	5	293	-8	.....
1899, .....	5	277	-16	.....
1900, .....	5	282	+5	.....
1901, .....	5	261	-21	.....
1902, .....	5	303	+42	.....
1903, .....	5	297	-6	.....
1904, .....	5	290	-7	.....
1905, .....	5	301	+11	+27
<b>SILK—BROAD GOODS AND RIB- BONS.</b>				
1896, .....	2	301	.....	.....
1897, .....	2	301	.....	.....
1898, .....	2	302	+1	.....
1899, .....	2	301	-1	.....
1900, .....	2	299	-2	.....
1901, .....	2	301	+2	.....
1902, .....	2	300	-1	.....
1903, .....	2	300	.....	.....
1904, .....	2	294	-6	.....
1905, .....	2	298	+4	-3
<b>SILK—RIBBONS.</b>				
1896, .....	3	300	.....	.....
1897, .....	3	297	-3	.....
1898, .....	3	297	.....	.....
1899, .....	3	291	-6	.....
1900, .....	3	292	+1	.....
1901, .....	3	302	+10	.....
1902, .....	3	297	-5	.....
1903, .....	3	294	-3	.....
1904, .....	3	301	+7	.....
1905, .....	3	282	-19	-18

## PERSONS EMPLOYED.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 AND 1905.

NOTE.—In this table the average number of persons employed by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are considered.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
TOOL STEEL.				
1896, .....	3	160	.....	.....
1897, .....	3	159	—1	.....
1898, .....	3	214	+55	.....
1899, .....	3	209	—5	.....
1900, .....	3	132	—77	.....
1901, .....	3	167	+35	.....
1902, .....	3	213	+46	.....
1903, .....	3	338	+125	.....
1904, .....	3	357	+19	.....
1905, .....	3	413	+56	+253
IRON AND STEEL FORGINGS.				
1896, .....	5	184	.....	.....
1897, .....	5	177	—7	.....
1898, .....	5	204	+27	.....
1899, .....	5	257	+53	.....
1900, .....	5	257	.....	.....
1901, .....	5	376	+19	.....
1902, .....	5	444	+68	.....
1903, .....	5	437	—7	.....
1904, .....	5	307	—130	.....
1905, .....	5	359	+52	+175
MALLEABLE IRON.				
1896, .....	4	1,575	.....	.....
1897, .....	4	1,404	—171	.....
1898, .....	4	1,640	+236	.....
1899, .....	4	1,831	+191	.....
1900, .....	4	1,671	—160	.....
1901, .....	4	1,905	+234	.....
1902, .....	4	2,166	+261	.....
1903, .....	4	2,173	+7	.....
1904, .....	4	1,318	—855	.....
1905, .....	4	1,994	+676	+419

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## BOLTS, NUTS, ETC.

1896, .....	7	750	.....	.....
1897, .....	7	732	—18	.....
1898, .....	7	772	+40	.....
1899, .....	7	1,032	+260	.....
1900, .....	7	1,040	+8	.....
1901, .....	7	1,290	+250	.....
1902, .....	7	1,366	+76	.....
1903, .....	7	1,293	—73	.....
1904, .....	7	1,167	—126	.....
1905, .....	7	1,287	+120	+537

## WIRE NAILS, RIVETS, ETC.

1896, .....	3	149	.....	.....
1897, .....	3	144	—5	.....
1898, .....	3	144	.....	.....
1899, .....	3	180	+36	.....
1900, .....	3	212	+32	.....
1901, .....	3	255	+43	.....
1902, .....	3	265	+10	.....
1903, .....	3	234	—31	.....
1904, .....	3	202	—32	.....
1905, .....	3	271	+69	+122

## TACKS AND SMALL NAILS.

1896, .....	3	93	.....	.....
1897, .....	3	92	—1	.....
1898, .....	3	46	—46	.....
1899, .....	3	108	+62	.....
1900, .....	3	91	—17	.....
1901, .....	3	92	+1	.....
1902, .....	3	80	—12	.....
1903, .....	3	94	+14	.....
1904, .....	3	105	+11	.....
1905, .....	3	108	+3	+15

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WIRE.				
1896, .....	4	63	.....	.....
1897, .....	4	78	+15	.....
1898, .....	4	103	+25	.....
1899, .....	4	137	+34	.....
1900, .....	4	246	+109	.....
1901, .....	4	252	+6	.....
1902, .....	4	246	—6	.....
1903, .....	4	253	+7	.....
1904, .....	4	227	—26	.....
1905, .....	4	199	—28	+136
WIRE ROPE.				
1896, .....	2	158	.....	.....
1897, .....	2	166	+8	.....
1898, .....	2	190	+24	.....
1899, .....	2	232	+42	.....
1900, .....	2	342	+110	.....
1901, .....	2	393	+51	.....
1902, .....	2	422	+29	.....
1903, .....	2	436	+14	.....
1904, .....	2	429	—7	.....
1905, .....	2	499	+70	+341
WIRE GOODS.				
1896, .....	5	194	.....	.....
1897, .....	5	215	+21	.....
1898, .....	5	228	+13	.....
1899, .....	5	257	+29	.....
1900, .....	5	208	—49	.....
1901, .....	5	242	+34	.....
1902, .....	5	221	—21	.....
1903, .....	5	209	—12	.....
1904, .....	5	206	—3	.....
1905, .....	5	228	+22	+34



## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903 1904 AND 1905.

Character of Industry and Years.	Number of es- tablish- ments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WAGON AND CARRIAGE AXLES  
AND SPRINGS.

1896, .....	4	312	.....	.....
1897, .....	4	310	—2	.....
1898, .....	4	364	+54	.....
1899, .....	4	454	+90	.....
1900, .....	4	441	—13	.....
1901, .....	4	586	+145	.....
1902, .....	4	700	+114	.....
1903, .....	4	691	—9	.....
1904, .....	4	648	—43	.....
1905, .....	4	775	+127	+463

## SCALES, ETC.

1896, .....	3	98	.....	.....
1897, .....	3	104	+6	.....
1898, .....	3	116	+12	.....
1899, .....	3	141	+25	.....
1900, .....	3	157	+16	.....
1901, .....	3	163	+6	.....
1902, .....	3	165	+2	.....
1903, .....	3	166	+1	.....
1904, .....	3	196	+30	.....
1905, .....	3	208	+12	+110

STOVES, RANGES, HEATERS,  
ETC.

1896, .....	28	3,350	.....	.....
1897, .....	28	3,447	+97	.....
1898, .....	28	3,536	+89	.....
1899, .....	28	3,601	+65	.....
1900, .....	28	3,667	+66	.....
1901, .....	28	3,682	+15	.....
1902, .....	28	3,740	+58	.....
1903, .....	28	3,553	—187	.....
1904, .....	28	3,489	—64	.....
1905, .....	28	3,695	+206	+345

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## BATH BOILERS, TANKS, ETC.

1896, .....	2	26	.....	.....
1897, .....	2	28	+2	.....
1898, .....	2	32	+4	.....
1899, .....	2	45	+13	.....
1900, .....	2	38	—7	.....
1901, .....	2	44	+6	.....
1902, .....	2	42	—2	.....
1903, .....	2	42	.....	.....
1904, .....	2	44	+2	.....
1905, .....	2	45	+1	+19

## HARDWARE SPECIALTIES.

1896, .....	12	2,388	.....	.....
1897, .....	12	2,545	+157	.....
1898, .....	12	2,777	+232	.....
1899, .....	12	3,190	+413	.....
1900, .....	12	3,025	—165	.....
1901, .....	12	3,031	+6	.....
1902, .....	12	3,411	+380	.....
1903, .....	12	3,130	—381	.....
1904, .....	12	3,393	+263	.....
1905, .....	12	3,304	—89	+916

## EDGE TOOLS.

1896, .....	12	818	.....	.....
1897, .....	12	827	+9	.....
1898, .....	12	878	+51	.....
1899, .....	12	1,018	+140	.....
1900, .....	12	1,077	+59	.....
1901, .....	12	1,097	+20	.....
1902, .....	12	1,201	+104	.....
1903, .....	12	1,208	+7	.....
1904, .....	12	983	—225	.....
1905, .....	12	862	—121	+44

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WRENCHES, PICKS, ETC.

1896, .....	5	248	.....	.....
1897, .....	5	293	+45	.....
1898, .....	5	272	—21	.....
1899, .....	5	341	+61	.....
1900, .....	5	386	+45	.....
1901, .....	5	357	—29	.....
1902, .....	5	327	—30	.....
1903, .....	5	385	+58	.....
1904, .....	5	386	+1	.....
1905, .....	5	398	+12	+150

## LOCOMOTIVES AND CARS BUILT AND REPAIRED.

1896, .....	3	6,254	.....	.....
1897, .....	3	5,742	—512	.....
1898, .....	3	5,965	+223	.....
1899, .....	3	6,655	+690	.....
1900, .....	3	7,185	+530	.....
1901, .....	3	7,498	+313	.....
1902, .....	3	8,261	+763	.....
1903, .....	3	9,442	+1,181	.....
1904, .....	3	9,504	+62	.....
1905, .....	3	11,436	+1,932	+5,182

## WROUGHT IRON PIPE AND TUBES.

1896, .....	5	5,324	.....	.....
1897, .....	5	5,110	—214	.....
1898, .....	5	5,693	+583	.....
1899, .....	5	8,754	+3,061	.....
1900, .....	5	5,420	—3,334	.....
1901, .....	5	6,574	+1,154	.....
1902, .....	5	6,428	—146	.....
1903, .....	5	6,610	+182	.....
1904, .....	5	6,881	+271	.....
1905, .....	5	5,908	—973	+584

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## CAST IRON PIPE.

1896, .....	3	507	.....	.....
1897, .....	3	615	+108	.....
1898, .....	3	689	+74	.....
1899, .....	3	740	+51	.....
1900, .....	3	797	+57	.....
1901, .....	3	841	+44	.....
1902, .....	3	861	+20	.....
1903, .....	3	1,064	+203	.....
1904, .....	3	1,076	+12	.....
1905, .....	3	1,183	+107	+676

BRASS, COPPER AND BRONZE  
GOODS.

1896, .....	18	1,182	.....	.....
1897, .....	18	1,155	—27	.....
1898, .....	18	1,299	+144	.....
1899, .....	18	1,477	+178	.....
1900, .....	18	1,548	+71	.....
1901, .....	18	1,729	+181	.....
1902, .....	18	1,807	+78	.....
1903, .....	18	1,844	+37	.....
1904, .....	18	1,686	—158	.....
1905, .....	18	1,737	+51	+555

## IRON AND STEEL BRIDGES.

1896, .....	7	1,169	.....	.....
1897, .....	7	1,177	+8	.....
1898, .....	7	1,423	+246	.....
1899, .....	7	1,680	+257	.....
1900, .....	7	2,233	+553	.....
1901, .....	7	2,076	—157	.....
1902, .....	7	2,262	+186	.....
1903, .....	7	2,202	—60	.....
1904, .....	7	2,559	+357	.....
1905, .....	7	3,226	+667	+2,057

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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LOCOMOTIVES, STATIONARY  
ENGINES, ETC.

1896, .....	9	5,587	.....	.....
1897, .....	9	5,651	+64	.....
1898, .....	9	7,967	+2,316	.....
1899, .....	9	9,827	+1,860	.....
1900, .....	9	12,003	+2,176	.....
1901, .....	9	13,298	+1,295	.....
1902, .....	9	13,621	+323	.....
1903, .....	9	19,856	+6,235	.....
1904, .....	9	13,501	—6,355	.....
1905, .....	9	18,228	+4,727	+12,641

ENGINES, BOILERS, ETC.

1896, .....	9	1,687	.....	.....
1897, .....	9	1,508	—179	.....
1898, .....	9	1,748	+240	.....
1899, .....	9	1,968	+220	.....
1900, .....	9	2,180	+212	.....
1901, .....	9	2,346	+166	.....
1902, .....	9	2,424	+78	.....
1903, .....	9	2,709	+285	.....
1904, .....	9	2,409	—300	.....
1905, .....	9	2,283	—126	+596

CARS, SPRINGS, AXLES AND  
RAILWAY SUPPLIES.

1896, .....	9	1,948	.....	.....
1897, .....	9	2,006	+58	.....
1898, .....	9	2,761	+755	.....
1899, .....	9	5,917	+3,156	.....
1900, .....	9	8,683	+2,766	.....
1901, .....	9	9,261	+578	.....
1902, .....	9	9,728	+467	.....
1903, .....	9	7,611	—2,117	.....
1904, .....	9	3,112	—4,499	.....
1905, .....	9	7,919	+4,807	+5,971



## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## IRON VESSELS AND ENGINES.

1896, .....	3	4,044	.....	.....
1897, .....	3	3,447	—597	.....
1898, .....	3	5,384	+1,937	.....
1899, .....	3	6,188	+804	.....
1900, .....	3	6,677	+489	.....
1901, .....	3	6,268	—409	.....
1902, .....	3	6,570	+302	.....
1903, .....	3	5,561	—1,009	.....
1904, .....	3	5,956	+395	.....
1905, .....	3	5,548	—408	+1,504

BOILERS, TANKS, STACKS,  
ETC.

1896, .....	20	1,001	.....	.....
1897, .....	20	988	—13	.....
1898, .....	20	1,236	+248	.....
1899, .....	20	1,467	+231	.....
1900, .....	20	1,773	+306	.....
1901, .....	20	1,955	+182	.....
1902, .....	20	2,176	+221	.....
1903, .....	20	2,115	—61	.....
1904, .....	20	1,811	—304	.....
1905, .....	20	2,465	+654	+ 1,464

## MACHINERY.

1896, .....	18	3,660	.....	.....
1897, .....	18	3,778	+118	.....
1898, .....	18	4,362	+584	.....
1899, .....	18	5,261	+899	.....
1900, .....	18	6,012	+751	.....
1901, .....	18	6,253	+241	.....
1902, .....	18	6,716	+463	.....
1903, .....	18	6,706	—10	.....
1904, .....	18	4,530	—2,176	.....
1905, .....	18	4,831	+301	+1,171

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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FOUNDRIES AND MACHINE  
SHOPS.

1896, .....	24	2,058	.....	.....
1897, .....	24	2,034	—24	.....
1898, .....	24	2,380	+346	.....
1899, .....	24	3,024	+644	.....
1900, .....	24	3,129	+105	.....
1901, .....	24	3,502	+373	.....
1902, .....	24	4,024	+522	.....
1903, .....	24	3,896	—128	.....
1904, .....	24	3,403	—493	.....
1905, .....	24	4,158	+755	+2,100

FILES, ETC.

1896, .....	2	331	.....	.....
1897, .....	2	346	+15	.....
1898, .....	2	369	+23	.....
1899, .....	2	394	+25	.....
1900, .....	2	422	+28	.....
1901, .....	2	415	—7	.....
1902, .....	2	415	.....	.....
1903, .....	2	427	+12	.....
1904, .....	2	522	+95	.....
1905, .....	2	503	—19	+172

SAWS.

1896, .....	3	56	.....	.....
1897, .....	3	50	—6	.....
1898, .....	3	47	—3	.....
1899, .....	3	47	.....	.....
1900, .....	3	56	+9	.....
1901, .....	3	57	+1	.....
1902, .....	3	55	—2	.....
1903, .....	3	62	+7	.....
1904, .....	3	58	—4	.....
1905, .....	3	54	—4	—2

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## PLUMBER SUPPLIES.

1896, .....	3	960	.....	.....
1897, .....	3	921	—39	.....
1898, .....	3	965	+44	.....
1899, .....	3	1,046	+81	.....
1900, .....	3	1,048	+2	.....
1901, .....	3	1,086	+38	.....
1902, .....	3	1,112	+26	.....
1903, .....	3	1,064	—48	.....
1904, .....	3	1,033	—31	.....
1905, .....	3	1,075	+42	+115

## ELECTRICAL SUPPLIES.

1896, .....	2	2,413	.....	.....
1897, .....	2	2,050	—363	.....
1898, .....	2	3,390	+1,340	.....
1899, .....	2	5,087	+1,697	.....
1900, .....	2	6,083	+996	.....
1901, .....	2	7,089	+1,006	.....
1902, .....	2	8,248	+1,159	.....
1903, .....	2	8,405	+157	.....
1904, .....	2	7,585	—820	.....
1905, .....	2	9,758	+2,173	+7,345

SHOVELS, SPADES, SCOOPS,  
ETC.

1896, .....	8	545	.....	.....
1897, .....	8	511	—34	.....
1898, .....	8	528	+17	.....
1899, .....	8	563	+35	.....
1900, .....	8	532	—31	.....
1901, .....	8	592	+60	.....
1902, .....	8	615	+23	.....
1903, .....	8	653	+38	.....
1904, .....	8	666	+13	.....
1905, .....	8	721	+55	+176

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SAFES AND VAULT DOORS.

1896, .....	2	128	.....	.....
1897, .....	2	125	—3	.....
1898, .....	2	121	—4	.....
1899, .....	2	120	—1	.....
1900, .....	2	180	+60	.....
1901, .....	2	224	+44	.....
1902, .....	2	249	+25	.....
1903, .....	2	306	+57	.....
1904, .....	2	336	+30	.....
1905, .....	2	306	—30	+178

## METAL AND METALLIC GOODS.

1896, .....	3	194	.....	.....
1897, .....	3	207	+13	.....
1898, .....	3	225	+18	.....
1899, .....	3	269	+44	.....
1900, .....	3	297	+28	.....
1901, .....	3	252	—45	.....
1902, .....	3	247	—5	.....
1903, .....	3	250	+3	.....
1904, .....	3	287	+37	.....
1905, .....	3	126	—161	—68

BUILDING AND STRUCTURAL  
IRON WORK.

1896, .....	2	752	.....	.....
1897, .....	2	662	—90	.....
1898, .....	2	841	+179	.....
1899, .....	2	1,240	+399	.....
1900, .....	2	1,678	+438	.....
1901, .....	2	2,286	+608	.....
1902, .....	2	2,427	+141	.....
1903, .....	2	2,364	—63	.....
1904, .....	2	1,850	—514	.....
1905, .....	2	2,011	+161	+1,259

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## IRON CHAINS.

1896, .....	5	231	.....	.....
1897, .....	5	231	.....	.....
1898, .....	5	269	+38	.....
1899, .....	5	299	+30	.....
1900, .....	5	264	—35	.....
1901, .....	5	288	+24	.....
1902, .....	5	631	+343	.....
1903, .....	5	572	—59	.....
1904, .....	5	606	+34	.....
1905, .....	5	582	—24	+351

## IRON FENCES AND RAILINGS.

1896, .....	7	79	.....	.....
1897, .....	7	100	+21	.....
1898, .....	7	126	+26	.....
1899, .....	7	155	+29	.....
1900, .....	7	197	+42	.....
1901, .....	7	220	+23	.....
1902, .....	7	352	+132	.....
1903, .....	7	343	—9	.....
1904, .....	7	424	+81	.....
1905, .....	7	482	+58	+403

## AGRICULTURAL IMPLEMENTS.

1896, .....	10	1,251	.....	.....
1897, .....	10	1,277	+26	.....
1898, .....	10	1,454	+177	.....
1899, .....	10	1,542	+88	.....
1900, .....	10	1,537	—5	.....
1901, .....	10	1,556	+19	.....
1902, .....	10	1,719	+163	.....
1903, .....	10	1,774	+55	.....
1904, .....	10	1,831	+57	.....
1905, .....	10	2,039	+208	+788



## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## STEAM PUMPS.

1896, .....	2	153	.....	.....
1897, .....	2	140	—13	.....
1898, .....	2	151	+11	.....
1899, .....	2	225	+74	.....
1900, .....	2	268	+43	.....
1901, .....	2	231	—37	.....
1902, .....	2	248	+17	.....
1903, .....	2	228	—20	.....
1904, .....	2	161	—67	.....
1905, .....	2	185	+24	+32

## PIANOS AND ORGANS.

1896, .....	2	80	.....	.....
1897, .....	2	77	—3	.....
1898, .....	2	95	+18	.....
1899, .....	2	105	+10	.....
1900, .....	2	146	+41	.....
1901, .....	2	150	+4	.....
1902, .....	2	170	+20	.....
1903, .....	2	189	+19	.....
1904, .....	2	164	—25	.....
1905, .....	2	164	.....	+84

## TINWARE.

1896, .....	5	284	.....	.....
1897, .....	5	275	—9	.....
1898, .....	5	278	+3	.....
1899, .....	5	275	—3	.....
1900, .....	5	328	+53	.....
1901, .....	5	461	+133	.....
1902, .....	5	653	+192	.....
1903, .....	5	847	+194	.....
1904, .....	5	871	+24	.....
1905, .....	5	1,003	+132	+719

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PAPER MANUFACTORIES.

1896, .....	8	1,521	.....	.....
1897, .....	8	1,474	—47	.....
1898, .....	8	1,483	+9	.....
1899, .....	8	1,681	+198	.....
1900, .....	8	1,740	+59	.....
1901, .....	8	1,725	—15	.....
1902, .....	8	1,881	+156	.....
1903, .....	8	1,963	+82	.....
1904, .....	8	2,027	+64	.....
1905, .....	8	2,006	—21	+485

## WALL PAPER.

1896, .....	3	330	....	.....
1897, .....	3	341	+11	.....
1898, .....	3	362	+21	.....
1899, .....	3	361	—1	.....
1900, .....	3	309	—52	.....
1901, .....	3	331	+22	.....
1902, .....	3	325	—6	.....
1903, .....	3	347	+22	.....
1904, .....	3	343	—4	.....
1905, .....	3	288	—55	—42

## CIGARS.

1896, .....	43	6,362	.....	.....
1897, .....	43	7,097	+735	.....
1898, .....	43	7,607	+510	.....
1899, .....	43	8,131	+524	.....
1900, .....	43	8,471	+340	.....
1901, .....	43	8,663	+192	.....
1902, .....	43	7,919	—744	.....
1903, .....	43	8,966	+1,047	.....
1904, .....	43	9,309	+343	.....
1905, .....	43	9,741	+432	+3,379

9—9—1905.

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## BOOK BINDING.

1896, .....	3	138	.....	.....
1897, .....	3	137	—1	.....
1898, .....	3	156	+19	.....
1899, .....	3	176	+20	.....
1900, .....	3	188	+12	.....
1901, .....	3	188	.....	.....
1902, .....	3	170	—18	.....
1903, .....	3	173	+3	.....
1904, .....	3	170	—3	.....
1905, .....	3	164	—6	+26

## CORDAGE ROPE AND TWINE.

1896, .....	5	2,055	.....	.....
1897, .....	5	2,119	+64	.....
1898, .....	5	2,091	—28	.....
1899, .....	5	2,191	+100	.....
1900, .....	5	2,256	+65	.....
1901, .....	5	2,294	+38	.....
1902, .....	5	2,367	+73	.....
1903, .....	5	2,506	+139	.....
1904, .....	5	2,562	+56	.....
1905, .....	5	2,588	+26	+533

## PAPER, PAPER BOXES, ENVELOPES, ETC.

1896, .....	26	1,799	.....	.....
1897, .....	26	1,881	+82	.....
1898, .....	26	2,435	+554	.....
1899, .....	26	2,260	—175	.....
1900, .....	26	2,200	—60	.....
1901, .....	26	2,094	—106	.....
1902, .....	26	2,179	+85	.....
1903, .....	26	2,278	+99	.....
1904, .....	26	2,208	—70	.....
1905, .....	26	2,235	+27	+436

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

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## POTTERY.

1896, .....	2	146	.....	.....
1897, .....	2	145	—1	.....
1898, .....	2	153	+8	.....
1899, .....	2	162	+9	.....
1900, .....	2	172	+10	.....
1901, .....	2	171	—1	.....
1902, .....	2	155	—16	.....
1903, .....	2	173	+18	.....
1904, .....	2	161	—12	.....
1905, .....	2	166	+5	+20

## PAVING BRICK.

1896, .....	7	437	.....	.....
1897, .....	7	429	—8	.....
1898, .....	7	447	+18	.....
1899, .....	7	528	+81	.....
1900, .....	7	587	+59	.....
1901, .....	7	553	—34	.....
1902, .....	7	615	+62	.....
1903, .....	7	757	+142	.....
1904, .....	7	573	—184	.....
1905, .....	7	549	—24	+112

## BUILDING BRICK.

1896, .....	30	1,687	.....	.....
1897, .....	30	1,594	—93	.....
1898, .....	30	1,654	+60	.....
1899, .....	30	1,666	+12	.....
1900, .....	30	1,661	+5	.....
1901, .....	30	1,799	+138	.....
1902, .....	30	2,017	+218	.....
1903, .....	30	2,205	+188	.....
1904, .....	30	2,166	—39	.....
1905, .....	30	2,118	—48	+431

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## FIRE BRICK.

1896, .....	17	1,868	.....	.....
1897, .....	17	1,928	+60	.....
1898, .....	17	2,327	+399	.....
1899, .....	17	2,947	+620	.....
1900, .....	17	3,823	+876	.....
1901, .....	17	3,787	—36	.....
1902, .....	17	4,169	+382	.....
1903, .....	17	3,880	—289	.....
1904, .....	17	2,451	—1,429	.....
1905, .....	17	2,588	+137	+720

SLATE ROOFING, ETC, TON-  
NAGE.

1896, .....	6	830	.....	.....
1897, .....	6	830	.....	.....
1898, .....	6	762	—68	.....
1899, .....	6	664	—98	.....
1900, .....	6	764	+100	.....
1901, .....	6	907	+143	.....
1902, .....	6	973	+66	.....
1903, .....	6	911	—62	.....
1904, .....	6	885	—26	.....
1905, .....	6	856	—29	+26

SLATE ROOFING, ETC.,  
SQUARES.

1896, .....	14	1,254	.....	.....
1897, .....	14	1,354	+100	.....
1898, .....	14	1,875	+521	.....
1899, .....	14	1,552	—323	.....
1900, .....	14	1,560	+8	.....
1901, .....	14	1,578	+18	.....
1902, .....	14	1,575	—3	.....
1903, .....	14	1,657	+82	.....
1904, .....	14	1,703	+46	.....
1905, .....	14	1,614	—89	+360



## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WINDOW GLASS, BOTTLES AND  
TABLE GOODS.

1896, .....	20	6,911	.....	.....
1897, .....	20	6,971	+60	.....
1898, .....	20	7,555	+584	.....
1899, .....	20	8,407	+852	.....
1900, .....	20	9,692	+1,285	.....
1901, .....	20	8,730	—962	.....
1902, .....	20	9,614	+884	.....
1903, .....	20	11,299	+1,685	.....
1904, .....	20	10,486	—813	.....
1905, .....	20	10,880	+394	+3,969

## GLAZED AND CHROME KID.

1896, .....	7	2,725	.....	.....
1897, .....	7	3,255	+530	.....
1898, .....	7	3,745	+490	.....
1899, .....	7	4,598	+853	.....
1900, .....	7	4,439	—159	.....
1901, .....	7	4,783	+344	.....
1902, .....	7	4,228	—555	.....
1903, .....	7	4,062	—166	.....
1904, .....	7	4,196	+134	.....
1905, .....	7	4,310	+114	+1,585

MEN'S, WOMEN'S, MISSES AND  
CHILDREN'S SHOES.

1896, .....	13	3,055	.....	.....
1897, .....	13	3,173	+118	.....
1898, .....	13	3,398	+225	.....
1899, .....	13	3,266	—132	.....
1900, .....	13	3,248	—18	.....
1901, .....	13	3,327	+79	.....
1902, .....	13	3,322	—5	.....
1903, .....	13	3,428	+106	.....
1904, .....	13	3,460	+32	.....
1905, .....	13	3,445	—15	+390

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SUSPENDERS.

1896, .....	2	110	.....	.....
1897, .....	2	120	+10	.....
1898, .....	2	127	+7	.....
1899, .....	2	162	+35	.....
1900, .....	2	212	+50	.....
1901, .....	2	198	-11	.....
1902, .....	2	202	+4	.....
1903, .....	2	205	+3	.....
1904, .....	2	232	+27	.....
1905, .....	2	243	+11	+133

## HATS AND CAPS.

1896, .....	3	490	.....	.....
1897, .....	3	489	-1	.....
1898, .....	3	560	+71	.....
1899, .....	3	560	.....	.....
1900, .....	3	614	+54	.....
1901, .....	3	691	+77	.....
1902, .....	3	649	-42	.....
1903, .....	3	713	+64	.....
1904, .....	3	604	-109	....
1905, .....	3	563	-41	+73

## FUR AND FELT HATS.

1896, .....	4	963	.....	.....
1897, .....	4	1,048	+85	.....
1898, .....	4	1,257	+209	.....
1899, .....	4	1,412	+155	.....
1900, .....	4	1,687	+275	.....
1901, .....	4	2,060	+373	.....
1902, .....	4	2,330	+270	.....
1903, .....	4	2,737	+407	.....
1904, .....	4	2,911	+174	.....
1905, .....	4	3,444	+533	+2,481

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
WOOL HATS.				
1896, .....	6	365	.....	.....
1897, .....	6	377	+12	.....
1898, .....	6	413	+36	.....
1899, .....	6	462	+49	.....
1900, .....	6	518	+56	.....
1901, .....	6	503	—15	.....
1902, .....	6	503	.....	.....
1903, .....	6	543	+40	.....
1904, .....	6	431	—112	.....
1905, .....	6	405	—26	+40
UMBRELLAS AND PARASOLS.				
1896, .....	4	589	.....	.....
1897, .....	4	575	—14	.....
1898, .....	4	505	—70	.....
1899, .....	4	531	+26	.....
1900, .....	4	506	—25	.....
1901, .....	4	522	+16	.....
1902, .....	4	575	+53	.....
1903, .....	4	465	—110	.....
1904, .....	4	446	—19	.....
1905, .....	4	427	—19	—162
DRESS TRIMMINGS, BRAIDS, ETC.				
1896, .....	8	1,104	.....	.....
1897, .....	8	1,393	+289	.....
1898, .....	8	1,543	+150	.....
1899, .....	8	1,760	+217	.....
1900, .....	8	1,745	—15	.....
1901, .....	8	1,669	—76	.....
1902, .....	8	1,741	+72	.....
1903, .....	8	1,801	+60	.....
1904, .....	8	1,653	—148	.....
1905, .....	8	1,667	+14	+563

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SHIRTS AND SHIRT WAISTS.

1896, .....	8	1,670	.....	.....
1897, .....	8	1,693	+23	.....
1898, .....	8	1,843	+150	.....
1899, .....	8	2,154	+311	.....
1900, .....	8	2,184	+30	.....
1901, .....	8	2,272	+88	.....
1902, .....	8	2,439	+167	.....
1903, .....	8	2,399	—40	.....
1904, .....	8	2,557	+158	.....
1905, .....	8	2,621	+64	+951

## NECKWEAR.

1896, .....	3	190	.....	.....
1897, .....	3	174	—16	.....
1898, .....	3	183	+9	.....
1899, .....	3	195	+12	.....
1900, .....	3	189	—6	.....
1901, .....	3	181	—8	.....
1902, .....	3	179	—2	.....
1903, .....	3	154	—25	.....
1904, .....	3	139	—15	.....
1905, .....	3	143	+4	—47

## COTTON AND WOOLEN CLOTHS.

1896, .....	19	3,920	.....	.....
1897, .....	19	4,129	+209	.....
1898, .....	19	4,080	—49	.....
1899, .....	19	4,488	+408	.....
1900, .....	19	4,952	+464	.....
1901, .....	19	4,604	—348	.....
1902, .....	19	5,136	+532	.....
1903, .....	19	5,009	—127	.....
1904, .....	19	4,566	—443	.....
1905, .....	19	4,930	+364	+1,010

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
CARPETS.				
1896, .....	17	2,263	.....	.....
1897, .....	17	2,704	+441	.....
1898, .....	17	2,753	+49	.....
1899, .....	17	2,834	+81	.....
1900, .....	17	2,794	—40	.....
1901, .....	17	2,801	+7	.....
1902, .....	17	2,810	+9	.....
1903, .....	17	2,834	+24	.....
1904, .....	17	2,787	—47	.....
1905, .....	17	2,732	—55	+469
COTTON GOODS.				
1896, .....	13	2,412	.....	.....
1897, .....	13	2,450	+38	.....
1898, .....	13	2,545	+95	.....
1899, .....	13	2,636	+91	.....
1900, .....	13	2,580	—56	.....
1901, .....	13	2,558	—22	.....
1902, .....	13	2,642	+84	.....
1903, .....	13	2,599	—43	.....
1904, .....	13	2,435	—164	.....
1905, .....	13	2,498	+63	+86
WOOLEN AND WORSTED CAS- SIMERES.				
1896, .....	10	1,332	.....	.....
1897, .....	10	1,531	+199	.....
1898, .....	10	1,664	+133	.....
1899, .....	10	1,890	+226	.....
1900, .....	10	1,890	.....	.....
1901, .....	10	1,938	+48	.....
1902, .....	10	2,663	+725	.....
1903, .....	10	2,798	+135	.....
1904, .....	10	2,857	+59	.....
1905, .....	10	2,735	—122	+1,403



PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Nun ber of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WOOLEN AND WORSTED FABRICS.				
1896, .....	13	2,616	.....	.....
1897, .....	13	3,086	+470	.....
1898, .....	13	2,840	--246	.....
1899, .....	13	3,119	+279	.....
1900, .....	13	3,630	+511	.....
1901, .....	13	3,149	—481	.....
1902, .....	13	3,483	+334	.....
1903, .....	13	3,325	—158	.....
1904, .....	13	3,208	—117	.....
1905, .....	13	3,374	+166	+758
WOOLEN AND WORSTED YARNS.				
1896, .....	12	1,526	.....	.....
1897, .....	12	1,532	+6	.....
1898, .....	12	1,445	—87	.....
1899, .....	12	1,478	+33	.....
1900, .....	12	1,641	+163	.....
1901, .....	12	1,658	+17	.....
1902, .....	12	1,948	+290	.....
1903, .....	12	2,422	+474	.....
1904, .....	12	2,085	—337	.....
1905, .....	12	2,130	+45	+604
RUGS, YARNS, ETC.				
1896, .....	4	2,768	.....	.....
1897, .....	4	2,703	—65	.....
1898, .....	4	2,592	—111	.....
1899, .....	4	2,714	+122	.....
1900, .....	4	2,813	+99	.....
1901, .....	4	2,847	+34	.....
1902, .....	4	3,051	+204	.....
1903, .....	4	2,819	—232	.....
1904, .....	4	2,861	+42	.....
1905, .....	4	2,855	—6	+87

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CARPET YARNS.

1896, .....	10	538	.....	.....
1897, .....	10	600	+62	.....
1898, .....	10	563	—37	.....
1899, .....	10	625	+62	.....
1900, .....	10	662	+37	.....
1901, .....	10	679	+17	.....
1902, .....	10	706	+27	.....
1903, .....	10	690	—16	.....
1904, .....	10	698	+8	.....
1905, .....	10	670	—28	+132

## COTTON YARNS.

1896, .....	6	653	.....	.....
1897, .....	6	677	+24	.....
1898, .....	6	753	+76	.....
1899, .....	6	752	—1	.....
1900, .....	6	825	+73	.....
1901, .....	6	672	—153	.....
1902, .....	6	673	+1	.....
1903, .....	6	705	+32	.....
1904, .....	6	637	—68	.....
1905, .....	6	656	+19	+3

## WORSTED, WOOLEN AND COTTON YARNS.

1896, .....	8	1,072	.....	.....
1897, .....	8	1,258	+186	.....
1898, .....	8	1,247	—11	.....
1899, .....	8	1,143	—104	.....
1900, .....	8	1,505	+362	.....
1901, .....	8	1,530	+25	.....
1902, .....	8	1,826	+296	.....
1903, .....	8	1,734	—92	.....
1904, .....	8	1,578	—156	.....
1905, .....	8	1,698	+120	+626

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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WOOLEN BLANKETS, FLANNELS, ETC.

1896, .....	5	717	.....	.....
1897, .....	5	719	+2	.....
1898, .....	5	1,063	+344	.....
1899, .....	5	967	—96	.....
1900, .....	5	894	—73	.....
1901, .....	5	912	+18	.....
1902, .....	5	895	—17	.....
1903, .....	5	934	+39	.....
1904, .....	5	1,067	+133	.....
1905, .....	5	1,107	+40	+390

LACE GOODS.

1896, .....	3	763	.....	.....
1897, .....	3	855	+92	.....
1898, .....	3	974	+119	.....
1899, .....	3	1,098	+124	.....
1900, .....	3	1,251	+153	.....
1901, .....	3	1,238	—13	.....
1902, .....	3	1,407	+169	.....
1903, .....	3	1,804	+397	.....
1904, .....	3	1,858	+54	.....
1905, .....	3	1,638	—220	+875

CHENILLE GOODS.

1896, .....	2	460	.....	.....
1897, .....	2	516	+56	.....
1898, .....	2	459	—57	.....
1899, .....	2	476	+17	.....
1900, .....	2	529	+53	.....
1901, .....	2	555	+26	.....
1902, .....	2	687	+132	.....
1903, .....	2	762	+75	.....
1904, .....	2	636	—126	.....
1905, .....	2	725	+89	+265

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## UPHOLSTERY GOODS.

1896, .....	7	1,064	.....	.....
1897, .....	7	1,156	+92	.....
1898, .....	7	1,213	+57	.....
1899, .....	7	1,329	+116	.....
1900, .....	7	1,308	—21	.....
1901, .....	7	1,422	+114	.....
1902, .....	7	1,657	+235	.....
1903, .....	7	1,550	—107	.....
1904, .....	7	1,502	—48	.....
1905, .....	7	1,540	+38	+476

## KNIT GOODS, UNDERWEAR.

1896, .....	13	2,333	.....	.....
1897, .....	13	2,570	+237	.....
1898, .....	13	2,568	—2	.....
1899, .....	13	2,864	+296	.....
1900, .....	13	3,188	+324	.....
1901, .....	13	2,980	—208	.....
1902, .....	13	3,112	+132	.....
1903, .....	13	3,055	—57	.....
1904, .....	13	2,460	—595	.....
1905, .....	13	2,435	—25	+102

## HOSIERY.

1896, .....	31	4,757	.....	.....
1897, .....	31	5,606	+849	.....
1898, .....	31	5,917	+311	.....
1899, .....	31	6,146	+229	.....
1900, .....	31	6,593	+447	.....
1901, .....	31	6,756	+163	.....
1902, .....	31	7,001	+245	.....
1903, .....	31	7,180	+179	.....
1904, .....	31	7,475	+295	.....
1905, .....	31	7,356	—119	+2,599

## PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.</b>				
1896, .....	5	2,229	.....	.....
1897, .....	5	3,368	+1,139	.....
1898, .....	5	3,622	+254	.....
1899, .....	5	3,439	—183	.....
1900, .....	5	3,673	+234	.....
1901, .....	5	3,945	+272	.....
1902, .....	5	4,486	+541	.....
1903, .....	5	4,297	—189	.....
1904, .....	5	4,057	—240	.....
1905, .....	5	4,321	+264	+2,092
<b>SILK—BROAD GOODS AND RIB- BONS.</b>				
1896, .....	2	1,300	.....	.....
1897, .....	2	2,050	+750	.....
1898, .....	2	2,200	+150	.....
1899, .....	2	2,000	—200	.....
1900, .....	2	1,750	—250	.....
1901, .....	2	2,400	+650	.....
1902, .....	2	2,600	+200	.....
1903, .....	2	2,918	+318	.....
1904, .....	2	2,069	—849	.....
1905, .....	2	2,210	+141	+910
<b>SILK RIBBONS.</b>				
1896, .....	3	372	.....	.....
1897, .....	3	450	+78	.....
1898, .....	3	523	+73	.....
1899, .....	3	521	—2	.....
1900, .....	3	592	+71	.....
1901, .....	3	1,068	+476	.....
1902, .....	3	1,008	—60	.....
1903, .....	3	1,039	+31	.....
1904, .....	3	1,114	+75	.....
1905, .....	3	1,156	+42	+784



## AGGREGATE WAGES PAID.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the aggregate amount of wages paid by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are considered.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>TOOL STEEL.</b>				
1896, .....	3	\$88,646	\$	\$
1897, .....	3	74,319	—14,327	.....
1898, .....	3	153,303	+78,984	.....
1899, .....	3	140,945	—12,358	.....
1900, .....	3	98,601	—42,344	.....
1901, .....	3	131,830	+33,229	.....
1902, .....	3	232,421	+100,591	.....
1903, .....	3	217,643	—14,778	.....
1904, .....	3	244,758	+27,115	.....
1905, .....	3	351,719	+106,961	+263,073
<b>IRON AND STEEL FORGINGS.</b>				
1896, .....	5	91,948	.....	.....
1897, .....	5	90,997	—951	.....
1898, .....	5	119,703	+28,706	.....
1899, .....	5	151,795	+32,092	.....
1900, .....	5	167,001	+15,206	.....
1901, .....	5	181,271	+14,270	.....
1902, .....	5	233,051	+51,780	.....
1903, .....	5	229,588	—3,463	.....
1904, .....	5	186,340	—43,248	.....
1905, .....	5	230,749	+44,409	+138,801
<b>MALLEABLE IRON.</b>				
1896, .....	4	709,933	.....	.....
1897, .....	4	647,054	—62,879	.....
1898, .....	4	776,815	+129,761	.....
1899, .....	4	928,417	+151,602	.....
1900, .....	4	866,482	—61,935	.....
1901, .....	4	939,514	+73,032	.....
1902, .....	4	1,208,275	+268,761	.....
1903, .....	4	1,227,072	+18,797	.....
1904, .....	4	742,102	—484,970	.....
1905, .....	4	1,068,679	+326,577	+358,746

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOLTS, NUTS, ETC.

1896, .....	7	\$319,833	\$	\$
1897, .....	7	245,696	—74,137	.....
1898, .....	7	278,649	+32,953	.....
1899, .....	7	422,635	+143,986	.....
1900, .....	7	429,188	+6,553	.....
1901, .....	7	488,212	+59,024	.....
1902, .....	7	545,372	+57,160	.....
1903, .....	7	559,864	+14,492	.....
1904, .....	7	445,052	—114,812	.....
1905, .....	7	553,093	+108,041	+233,260

## WIRE NAILS, RIVETS, ETC.

1896, .....	3	68,055	.....	.....
1897, .....	3	62,402	—5,653	.....
1898, .....	3	72,535	+10,133	.....
1899, .....	3	81,210	+8,675	.....
1900, .....	3	101,721	+20,511	.....
1901, .....	3	115,167	+13,446	.....
1902, .....	3	115,036	—131	.....
1903, .....	3	119,235	+4,199	.....
1904, .....	3	110,788	—8,447	.....
1905, .....	3	136,588	+25,800	+68,533

## TACKS AND SMALL NAILS.

1896, .....	3	27,622	.....	.....
1897, .....	3	25,152	—2,470	.....
1898, .....	3	17,883	—7,269	.....
1899, .....	3	36,460	+18,577	.....
1900, .....	3	30,982	—5,478	.....
1901, .....	3	33,715	+2,733	.....
1902, .....	3	29,872	—3,843	.....
1903, .....	3	34,438	+4,566	.....
1904, .....	3	37,390	+2,952	.....
1905, .....	3	37,666	+276	+10,044

## AGGREGATE WAGES PAID—Continued

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WIRE.

1896, .....	4	\$31,295	\$	\$
1897, .....	4	30,380	—915	.....
1898, .....	4	53,590	+23,210	.....
1899, .....	4	71,284	+17,694	.....
1900, .....	4	100,427	+29,143	.....
1901, .....	4	104,308	+3,881	.....
1902, .....	4	113,412	+9,104	.....
1903, .....	4	113,489	+77	.....
1904, .....	4	116,702	+3,213	.....
1905, .....	4	102,208	—14,494	+70,913

## WIRE ROPE.

1896, .....	2	70,108	.....	.....
1897, .....	2	74,810	+4,702	.....
1898, .....	2	88,858	+14,048	.....
1899, .....	2	113,217	+24,359	.....
1900, .....	2	164,517	+51,300	.....
1901, .....	2	169,682	+5,165	.....
1902, .....	2	196,172	+26,490	.....
1903, .....	2	206,849	+10,677	.....
1904, .....	2	207,488	+639	.....
1905, .....	2	193,010	—14,478	+122,902

## WIRE GOODS.

1896, .....	5	56,708	.....	.....
1897, .....	5	66,854	+10,146	.....
1898, .....	5	63,323	—3,531	.....
1899, .....	5	82,879	+19,556	.....
1900, .....	5	64,328	—18,551	.....
1901, .....	5	72,771	+8,443	.....
1902, .....	5	77,321	+4,550	.....
1903, .....	5	74,752	—2,569	.....
1904, .....	5	71,520	—3,232	.....
1905, .....	5	81,560	+10,040	+24,852

10—9—1905.

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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WAGON AND CARRIAGE AXLES  
AND SPRINGS.

1896, .....	4	\$160,000	\$	\$
1897, .....	4	166,663	+6,663	.....
1898, .....	4	198,412	+31,749	.....
1899, .....	4	245,171	+46,759	.....
1900, .....	4	227,769	—17,402	.....
1901, .....	4	301,482	+73,713	.....
1902, .....	4	335,879	+34,397	.....
1903, .....	4	323,969	—11,910	.....
1904, .....	4	311,237	—12,732	.....
1905, .....	4	363,521	+52,284	+203,521

## SCALES, ETC.

1896, .....	3	59,550	.....	.....
1897, .....	3	61,985	+2,435	.....
1898, .....	3	68,360	+6,375	.....
1899, .....	3	88,860	+20,500	.....
1900, .....	3	95,851	+6,991	.....
1901, .....	3	101,951	+6,100	.....
1902, .....	3	103,091	+1,140	.....
1903, .....	3	104,708	+1,617	.....
1904, .....	3	136,148	+31,440	.....
1905, .....	3	143,162	+7,014	+83,612

STOVES, RANGES, HEATERS,  
ETC.

1896, .....	28	1,579,529	.....	.....
1897, .....	28	1,600,604	+21,075	.....
1898, .....	28	1,709,618	+109,014	.....
1899, .....	28	1,940,123	+230,505	.....
1900, .....	28	2,082,109	+141,986	.....
1901, .....	28	2,036,597	—45,512	.....
1902, .....	28	2,169,887	+133,290	.....
1903, .....	28	2,174,746	+4,859	.....
1904, .....	28	2,156,851	—17,995	.....
1905, .....	28	2,318,026	+161,175	+738,497

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## BATH BOILERS, TANKS, ETC.

1896, .....	2	\$12,091	\$	\$
1897, .....	2	12,498	+407	.....
1898, .....	2	13,611	+1,113	.....
1899, .....	2	19,448	+5,837	.....
1900, .....	2	16,804	—2,644	.....
1901, .....	2	20,030	+3,226	.....
1902, .....	2	19,951	—79	.....
1903, .....	2	20,302	+351	.....
1904, .....	2	21,201	+899	.....
1905, .....	2	21,818	+617	+9,727

## HARDWARE SPECIALTIES.

1896, .....	12	974,873	.....	.....
1897, .....	12	1,025,878	+51,005	.....
1898, .....	12	1,094,929	+69,051	.....
1899, .....	12	1,377,579	+282,650	.....
1900, .....	12	1,183,769	—193,810	.....
1901, .....	12	1,312,478	+128,709	.....
1902, .....	12	1,556,892	+244,414	.....
1903, .....	12	1,535,878	—21,014	.....
1904, .....	12	1,476,108	—59,770	.....
1905, .....	12	1,554,984	+78,876	+580,111

## EDGE TOOLS.

1896, .....	12	356,401	.....	.....
1897, .....	12	304,988	—51,413	.....
1898, .....	12	401,694	+96,706	.....
1899, .....	12	474,562	+72,868	.....
1900, .....	12	507,597	+33,035	.....
1901, .....	12	494,080	—13,517	.....
1902, .....	12	572,350	+78,270	.....
1903, .....	12	543,420	—28,930	.....
1904, .....	12	463,215	—80,205	.....
1905, .....	12	470,453	+7,238	+114,052



## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WRENCHES, PICKS, ETC.

1896, .....	5	\$106,369	\$	\$
1897, .....	5	123,034	+16,665	.....
1898, .....	5	139,125	+16,091	.....
1899, .....	5	179,408	+40,283	.....
1900, .....	5	184,711	+5,303	.....
1901, .....	5	183,238	—1,473	.....
1902, .....	5	207,429	+24,191	.....
1903, .....	5	235,161	+27,732	.....
1904, .....	5	209,907	—25,254	.....
1905, .....	5	224,294	+14,387	+117,925

LOCOMOTIVES AND CARS  
BUILT AND REPAIRED.

1896, .....	3	3,035,897	.....	.....
1897, .....	3	3,019,356	—16,541	.....
1898, .....	3	3,411,544	+392,188	.....
1899, .....	3	4,049,295	+637,751	.....
1900, .....	3	4,366,592	+317,297	.....
1901, .....	3	4,593,043	+226,451	.....
1902, .....	3	5,180,764	+587,721	.....
1903, .....	3	6,260,260	+1,079,496	.....
1904, .....	3	6,158,627	—101,633	.....
1905, .....	3	7,191,926	+1,033,299	+4,156,029

WROUGHT IRON PIPE AND  
TUBES.

1896, .....	5	2,170,688	.....	.....
1897, .....	5	2,045,620	—125,068	.....
1898, .....	5	2,451,501	+405,881	.....
1899, .....	5	4,566,297	+2,114,796	.....
1900, .....	5	2,575,403	—1,990,894	.....
1901, .....	5	3,301,349	+725,946	.....
1902, .....	5	3,838,217	+536,868	.....
1903, .....	5	3,748,876	—89,341	.....
1904, .....	5	3,546,076	—202,800	.....
1905, .....	5	3,579,974	+33,898	+1,409,286

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## CAST IRON PIPE.

1896, .....	3	\$209,338	\$	\$
1897, .....	3	250,934	+41,596	.....
1898, .....	3	263,550	+12,616	.....
1899, .....	3	260,355	—3,195	.....
1900, .....	3	357,650	+97,295	.....
1901, .....	3	402,535	+44,885	.....
1902, .....	3	420,115	+17,580	.....
1903, .....	3	509,145	+89,030	.....
1904, .....	3	476,459	—32,686	.....
1905, .....	3	576,186	+99,727	+366,848

## BRASS, COPPER AND BRONZE GOODS.

1896, .....	18	481,087	.....	.....
1897, .....	18	466,965	—14,122	.....
1898, .....	18	560,336	+93,371	.....
1899, .....	18	645,983	+85,647	.....
1900, .....	18	725,712	+79,729	.....
1901, .....	18	831,059	+105,347	.....
1902, .....	18	940,407	+109,348	.....
1903, .....	18	1,059,812	+119,405	.....
1904, .....	18	814,981	—244,831	.....
1905, .....	18	951,718	+136,737	+470,631

## IRON AND STEEL BRIDGES.

1896, .....	7	590,081	.....	.....
1897, .....	7	564,817	—25,264	.....
1898, .....	7	647,664	+82,847	.....
1899, .....	7	722,759	+75,095	.....
1900, .....	7	1,235,666	+512,907	.....
1901, .....	7	1,176,736	—58,930	.....
1902, .....	7	1,259,652	+82,916	.....
1903, .....	7	1,138,434	—121,218	.....
1904, .....	7	1,440,391	+301,957	.....
1905, .....	7	1,821,349	+380,958	+1,231,268

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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LOCOMOTIVES, STATIONARY  
ENGINES, ETC.

1896, .....	9	\$3,137,295	\$	\$
1897, .....	9	3,032,837	—104,458	.....
1898, .....	9	4,559,167	+1,526,330	.....
1899, .....	9	5,764,855	+1,205,688	.....
1900, .....	9	7,274,385	+1,509,530	.....
1901, .....	9	8,314,869	+1,040,484	.....
1902, .....	9	10,142,042	+1,827,173	.....
1903, .....	9	12,914,058	+2,772,016	.....
1904, .....	9	8,230,920	—4,683,138	.....
1905, .....	9	11,983,973	+3,753,053	+8,846,678

ENGINES, BOILERS, ETC.

1896, .....	9	875,205	.....	.....
1897, .....	9	761,703	—113,502	.....
1898, .....	9	916,593	+154,890	.....
1899, .....	9	1,076,534	+159,941	.....
1900, .....	9	1,199,086	+122,552	.....
1901, .....	9	1,315,681	+116,595	.....
1902, .....	9	1,389,649	+73,968	.....
1903, .....	9	1,564,903	+175,254	.....
1904, .....	9	1,367,686	—197,217	.....
1905, .....	9	1,347,147	—20,539	+471,942

CAR SPRINGS, AXLES AND  
RAILWAY SUPPLIES.

1896, .....	9	806,002	.....	.....
1897, .....	9	767,001	—39,001	.....
1898, .....	9	1,270,991	+503,991	.....
1899, .....	9	3,097,488	+1,826,497	.....
1900, .....	9	4,578,764	+1,481,276	.....
1901, .....	9	4,933,773	+355,009	.....
1902, .....	9	5,648,752	+714,979	.....
1903, .....	9	4,161,941	—1,486,811	.....
1904, .....	9	1,385,068	—2,776,873	.....
1905, .....	9	4,004,692	+2,619,624	+3,198,690

**AGGREGATE WAGES PAID—Continued.**

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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**IRON VESSELS AND ENGINES.**

1896, .....	3	\$2,320,747	\$	\$
1897, .....	3	1,881,993	—438,754	.....
1898, .....	3	2,880,847	+998,854	.....
1899, .....	3	3,428,153	+547,306	.....
1900, .....	3	3,538,223	+110,070	.....
1901, .....	3	3,587,294	+49,071	.....
1902, .....	3	4,053,706	+466,412	.....
1903, .....	3	4,219,061	+165,355	.....
1904, .....	3	3,950,568	—268,493	.....
1905, .....	3	3,540,875	—409,693	+1,220,128

**BOILERS, TANKS, STACKS, ETC.**

1896, .....	20	477,949	.....	.....
1897, .....	20	483,785	+5,836	.....
1898, .....	20	591,587	+107,802	.....
1899, .....	20	703,479	+111,892	.....
1900, .....	20	848,362	+144,883	.....
1901, .....	20	1,010,002	+161,640	.....
1902, .....	20	1,116,711	+106,709	.....
1903, .....	20	1,088,795	—27,916	.....
1904, .....	20	921,382	—167,413	.....
1905, .....	20	998,697	+77,315	+520,748

**MACHINERY.**

1896, .....	18	1,909,304	.....	.....
1897, .....	18	1,924,115	+14,811	.....
1898, .....	18	2,369,936	+445,821	.....
1899, .....	18	2,599,631	+229,695	.....
1900, .....	18	3,237,690	+638,059	.....
1901, .....	18	3,440,755	+203,065	.....
1902, .....	18	3,771,932	+331,177	.....
1903, .....	18	3,824,752	+52,820	.....
1904, .....	18	2,604,348	—1,220,404	.....
1905, .....	18	2,870,195	+265,847	+960,891

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## FOUNDRIES AND MACHINE SHOPS.

1896, .....	24	\$925,035	\$	\$
1897, .....	24	969,417	+44,382	.....
1898, .....	24	1,159,177	+189,760	.....
1899, .....	24	1,532,195	+373,018	.....
1900, .....	24	1,704,770	+172,575	.....
1901, .....	24	1,923,467	+218,697	.....
1902, .....	24	2,309,432	+385,965	.....
1903, .....	24	2,577,489	+268,057	.....
1904, .....	24	1,833,920	—743,569	.....
1905, .....	24	2,312,602	+478,682	+1,387,067

## FILES, ETC.

1896, .....	2	108,895	.....	.....
1897, .....	2	110,805	+1,910	.....
1898, .....	2	117,553	+6,748	.....
1899, .....	2	136,071	+18,518	.....
1900, .....	2	140,544	+4,473	.....
1901, .....	2	154,565	+14,021	.....
1902, .....	2	167,866	+13,301	.....
1903, .....	2	178,075	+10,209	.....
1904, .....	2	194,256	+16,181	.....
1905, .....	2	196,556	+2,300	+87,661

## SAWS.

1896, .....	3	25,745	.....	.....
1897, .....	3	21,557	—4,188	.....
1898, .....	3	22,939	+1,382	.....
1899, .....	3	24,100	+1,161	.....
1900, .....	3	32,108	+8,008	.....
1901, .....	3	33,271	+163	.....
1902, .....	3	35,707	+2,436	.....
1903, .....	3	36,227	+520	.....
1904, .....	3	33,038	—3,189	.....
1905, .....	3	29,514	—3,524	+3,769



## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PLUMBER SUPPLIES.

1896, .....	3	\$418,864	\$	\$
1897, .....	3	377,194	—41,670	.....
1898, .....	3	432,969	+55,775	.....
1899, .....	3	502,827	+69,858	.....
1900, .....	3	504,686	+1,859	.....
1901, .....	3	527,899	+23,213	.....
1902, .....	3	553,742	+25,843	.....
1903, .....	3	538,181	—15,561	.....
1904, .....	3	513,569	—24,612	.....
1905, .....	3	524,330	+10,761	+105,466

## ELECTRICAL SUPPLIES.

1896, .....	2	1,229,306	.....	.....
1897, .....	2	1,122,423	—106,883	.....
1898, .....	2	1,875,021	+752,598	.....
1899, .....	2	2,806,946	+931,925	.....
1900, .....	2	3,452,559	+645,613	.....
1901, .....	2	4,055,247	+602,688	.....
1902, .....	2	4,842,603	+787,356	.....
1903, .....	2	5,650,871	+808,268	.....
1904, .....	2	4,025,565	—1,625,306	.....
1905, .....	2	5,438,968	+1,413,403	+4,209,662

SHOVELS, SPADES, SCOOPS,  
ETC.

1896, .....	8	217,581	.....	.....
1897, .....	8	202,067	—15,514	.....
1898, .....	8	236,593	+34,526	.....
1899, .....	8	291,969	+55,376	.....
1900, .....	8	230,909	—61,060	.....
1901, .....	8	289,145	+58,236	.....
1902, .....	8	319,989	+30,844	.....
1903, .....	8	353,082	+33,093	.....
1904, .....	8	361,182	+8,100	.....
1905, .....	8	411,310	+50,128	+193,729

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## SAFES AND VAULT DOORS.

1896, .....	2	\$54,556	\$	\$
1897, .....	2	59,906	+5,350	.....
1898, .....	2	61,012	+1,106	.....
1899, .....	2	59,965	—1,047	.....
1900, .....	2	79,594	+19,629	.....
1901, .....	2	101,832	+22,238	.....
1902, .....	2	108,844	+7,012	.....
1903, .....	2	141,264	+32,420	.....
1904, .....	2	166,861	+25,597	.....
1905, .....	2	134,057	—32,804	+79,501

## METAL AND METALLIC GOODS.

1896, .....	3	58,892	.....	.....
1897, .....	3	65,704	+6,812	.....
1898, .....	3	74,084	+8,380	.....
1899, .....	3	106,846	+32,762	.....
1900, .....	3	116,057	+9,211	.....
1901, .....	3	117,163	+1,106	.....
1902, .....	3	112,562	—4,601	.....
1903, .....	3	116,998	+4,436	.....
1904, .....	3	103,291	—13,707	.....
1905, .....	3	43,183	—60,108	—15,709

## BUILDING AND STRUCTURAL IRON WORK.

1896, .....	2	382,148	.....	.....
1897, .....	2	344,442	—37,706	.....
1898, .....	2	441,539	+97,097	.....
1899, .....	2	657,942	+216,403	.....
1900, .....	2	879,148	+221,206	.....
1901, .....	2	1,199,639	+320,491	.....
1902, .....	2	1,309,729	+110,090	.....
1903, .....	2	1,450,496	+140,767	.....
1904, .....	2	1,138,162	—312,334	.....
1905, .....	2	1,239,582	+101,420	+857,434

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## IRON CHAINS.

1896, .....	5	\$91,526	\$	\$
1897, .....	5	96,671	+5,145	.....
1898, .....	5	120,291	+23,620	.....
1899, .....	5	140,403	+20,112	.....
1900, .....	5	124,543	—15,860	.....
1901, .....	5	142,794	+18,251	.....
1902, .....	5	320,036	+177,242	.....
1903, .....	5	303,570	—16,466	.....
1904, .....	5	302,171	—1,399	.....
1905, .....	5	317,811	+15,640	+226,285

## IRON FENCES AND RAILINGS.

1896, .....	7	37,512	.....	.....
1897, .....	7	48,923	+11,411	.....
1898, .....	7	57,197	+8,274	.....
1899, .....	7	69,864	+12,667	.....
1900, .....	7	88,304	+18,440	.....
1901, .....	7	103,420	+15,116	.....
1902, .....	7	157,955	+54,535	.....
1903, .....	7	163,822	+5,867	.....
1904, .....	7	204,992	+41,170	.....
1905, .....	7	239,998	+35,006	+202,486

## AGRICULTURAL IMPLEMENTS.

1896, .....	10	558,767	.....	.....
1897, .....	10	574,134	+15,367	.....
1898, .....	10	678,306	+104,172	.....
1899, .....	10	736,948	+58,642	.....
1900, .....	10	735,160	—1,782	.....
1901, .....	10	800,478	+65,312	.....
1902, .....	10	888,487	+88,009	.....
1903, .....	10	932,518	+44,031	.....
1904, .....	10	894,792	—37,726	.....
1905, .....	10	1,020,461	+125,669	+461,694

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## STEAM PUMPS.

1896, .....	2	\$121,368	\$	\$
1897, .....	2	103,105	—18,263	.....
1898, .....	2	112,032	+8,927	.....
1899, .....	2	166,746	+54,714	.....
1900, .....	2	193,157	+26,411	.....
1901, .....	2	160,245	—32,912	.....
1902, .....	2	187,823	+27,578	.....
1903, .....	2	180,424	—7,399	.....
1904, .....	2	134,677	—45,747	.....
1905, .....	2	159,427	+24,750	+38,059

## PIANOS AND ORGANS.

1896, .....	2	33,894	.....	.....
1897, .....	2	33,542	—352	.....
1898, .....	2	45,882	+12,340	.....
1899, .....	2	48,127	+2,245	.....
1900, .....	2	63,243	+15,116	.....
1901, .....	2	65,460	+2,217	.....
1902, .....	2	69,921	+4,461	.....
1903, .....	2	84,481	+14,560	.....
1904, .....	2	76,132	—8,349	.....
1905, .....	2	73,663	—2,469	+39,769

## TINWARE.

1896, .....	5	107,539	.....	.....
1897, .....	5	106,907	—632	.....
1898, .....	5	103,119	—3,788	.....
1899, .....	5	118,410	+15,291	.....
1900, .....	5	134,105	+15,695	.....
1901, .....	5	170,087	+35,982	.....
1902, .....	5	268,263	+98,176	.....
1903, .....	5	328,115	+59,852	.....
1904, .....	5	312,659	—15,456	.....
1905, .....	5	326,001	+13,342	+218,462

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## PAPER MANUFACTORIES.

1896, .....	8	\$580,874	\$	\$
1897, .....	8	588,144	+7,270	.....
1898, .....	8	591,810	+3,666	.....
1899, .....	8	688,257	+96,447	.....
1900, .....	8	768,824	+80,567	.....
1901, .....	8	738,509	—30,315	.....
1902, .....	8	876,215	+137,706	.....
1903, .....	8	867,522	—8,693	.....
1904, .....	8	966,696	+99,174	.....
1905, .....	8	969,731	+3,035	+388,857

## WALL PAPER.

1896, .....	3	103,844	.....	.....
1897, .....	3	109,043	+6,199	.....
1898, .....	3	124,400	+15,357	.....
1899, .....	3	128,241	+3,841	.....
1900, .....	3	140,741	+12,500	.....
1901, .....	3	136,042	—4,699	.....
1902, .....	3	142,106	+6,064	.....
1903, .....	3	136,855	—5,251	.....
1904, .....	3	141,013	+4,158	.....
1905, .....	3	111,154	—29,859	+7,310

## CIGARS.

1896, .....	43	1,754,415	.....	.....
1897, .....	43	1,981,907	+227,492	.....
1898, .....	43	2,176,229	+194,322	.....
1899, .....	43	2,370,275	+194,046	.....
1900, .....	43	2,579,326	+209,051	.....
1901, .....	43	2,628,332	+49,006	.....
1902, .....	43	2,538,584	—89,748	.....
1903, .....	43	2,931,701	+393,117	.....
1904, .....	43	3,147,813	+216,112	.....
1905, .....	43	3,043,809	—104,004	+1,289,394



## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOOK BINDING.

1896, .....	3	\$64,957	.....	.....
1897, .....	3	66,378	+1,421	.....
1898, .....	3	75,293	+8,915	.....
1899, .....	3	86,318	+11,025	.....
1900, .....	3	98,563	+12,245	.....
1901, .....	3	103,717	+5,154	.....
1902, .....	3	99,029	—4,688	.....
1903, .....	3	105,993	+6,964	.....
1904, .....	3	100,146	—5,847	.....
1905, .....	3	96,862	—3,284	+31,905

## CORDAGE, ROPE AND TWINE.

1896, .....	5	618,977	.....	.....
1897, .....	5	683,523	+64,546	.....
1898, .....	5	674,993	—8,530	.....
1899, .....	5	792,522	+117,529	.....
1900, .....	5	742,246	—50,276	.....
1901, .....	5	785,781	+43,535	.....
1902, .....	5	821,467	+35,686	.....
1903, .....	5	751,205	+70,262	.....
1904, .....	5	741,146	—10,059	.....
1905, .....	5	766,755	+25,609	+147,778

## PAPER, PAPER BOXES, ENVELOPES, ETC.

1896, .....	26	488,894	.....	.....
1897, .....	26	504,332	+15,438	.....
1898, .....	26	560,100	+55,768	.....
1899, .....	26	593,843	+33,743	.....
1900, .....	26	595,912	+2,069	.....
1901, .....	26	589,503	—6,409	.....
1902, .....	26	652,299	+62,796	.....
1903, .....	26	687,375	+35,076	.....
1904, .....	26	705,856	+18,481	.....
1905, .....	26	711,017	+5,161	+222,123

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate Wages paid.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
POTTERY.				
1896, .....	2	\$72,562	\$	\$
1897, .....	2	68,011	—4,551	.....
1898, .....	2	73,799	+5,788	.....
1899, .....	2	78,658	+4,859	.....
1900, .....	2	78,307	—351	.....
1901, .....	2	83,136	+4,829	.....
1902, .....	2	77,448	—5,688	.....
1903, .....	2	88,320	+10,872	.....
1904, .....	2	86,604	—1,716	.....
1905, .....	2	91,027	+4,423	+18,405
PAVING BRICK.				
1896, .....	7	142,710	.....	.....
1897, .....	7	144,002	+1,292	.....
1898, .....	7	148,144	+4,142	.....
1899, .....	7	176,133	+27,989	.....
1900, .....	7	237,666	+61,533	.....
1901, .....	7	206,868	—30,798	.....
1902, .....	7	246,244	+39,376	.....
1903, .....	7	320,426	+74,182	.....
1904, .....	7	169,132	—151,294	.....
1905, .....	7	225,049	+55,917	+82,339
BUILDING BRICK.				
1896, .....	30	602,265	.....	.....
1897, .....	30	581,789	—20,476	.....
1898, .....	30	594,379	+12,590	.....
1899, .....	30	630,734	+36,355	.....
1900, .....	30	606,038	—24,696	.....
1901, .....	30	680,014	+73,976	.....
1902, .....	30	743,074	+63,060	.....
1903, .....	30	851,531	+108,457	.....
1904, .....	30	808,068	—43,463	.....
1905, .....	30	850,012	+41,944	+247,747

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>FIRE BRICK.</b>				
1896, .....	17	\$727,162	\$	\$
1897, .....	17	719,308	—7,854	.....
1898, .....	17	843,336	+124,028	.....
1899, .....	17	1,133,377	+290,041	.....
1900, .....	17	1,602,426	+469,049	.....
1901, .....	17	1,622,430	+20,004	.....
1902, .....	17	1,823,632	+201,202	.....
1903, .....	17	1,659,984	—163,648	.....
1904, .....	17	1,228,963	—431,021	.....
1905, .....	17	1,375,445	+146,482	+648,283
<b>SLATE ROOFING, ETC., TONNAGE.</b>				
1896, .....	6	251,993	.....	.....
1897, .....	6	270,398	+18,405	.....
1898, .....	6	250,225	—20,173	.....
1899, .....	6	219,276	—30,949	.....
1900, .....	6	280,065	+60,789	.....
1901, .....	6	362,028	+81,963	.....
1902, .....	6	372,031	+10,003	.....
1903, .....	6	430,769	+58,738	.....
1904, .....	6	386,414	—44,355	.....
1905, .....	6	390,852	+4,438	+138,859
<b>SLATE ROOFING, ETC., SQUARES.</b>				
1896, .....	14	397,384	.....	.....
1897, .....	14	434,572	+37,188	.....
1898, .....	14	472,437	+37,865	.....
1899, .....	14	544,953	+72,516	.....
1900, .....	14	565,623	+20,670	.....
1901, .....	14	615,681	+50,058	.....
1902, .....	14	649,376	+33,695	.....
1903, .....	14	713,259	+63,883	.....
1904, .....	14	692,824	—20,435	.....
1905, .....	14	645,191	—47,633	+247,807

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablisn- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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WINDOW GLASS, BOTTLES AND  
TABLE GOODS.

1896, .....	20	\$2,620,250	\$	\$
1897, .....	20	2,925,427	+305,177	.....
1898, .....	20	3,318,548	+393,121	.....
1899, .....	20	3,913,503	+594,955	.....
1900, .....	20	4,448,479	+534,976	.....
1901, .....	20	3,944,743	-503,736	.....
1902, .....	20	4,423,860	+479,117	.....
1903, .....	20	4,803,158	+379,298	.....
1904, .....	20	5,046,418	+243,260	.....
1905, .....	20	5,287,176	+240,758	+2,666,926

## GLAZED AND CHROME KID.

1896, .....	7	962,342	.....	.....
1897, .....	7	1,285,138	+322,796	.....
1898, .....	7	1,472,762	+187,624	.....
1899, .....	7	1,907,913	+435,151	.....
1900, .....	7	1,759,101	-148,812	.....
1901, .....	7	2,111,284	+352,183	.....
1902, .....	7	1,945,564	-165,720	.....
1903, .....	7	1,759,812	-185,752	.....
1904, .....	7	1,952,525	+192,713	.....
1905, .....	7	2,011,053	+58,528	+1,048,711

MEN'S, WOMEN'S, MISSES' AND  
CHILDREN'S SHOES.

1896, .....	13	1,045,202	.....	.....
1897, .....	13	1,133,413	+88,211	.....
1898, .....	13	1,237,417	+104,004	.....
1899, .....	13	1,232,895	-4,522	.....
1900, .....	13	1,195,700	-37,195	.....
1901, .....	13	1,275,110	+79,410	.....
1902, .....	13	1,216,866	-58,244	.....
1903, .....	13	1,393,524	+176,658	.....
1904, .....	13	1,363,433	-30,091	.....
1905, .....	13	1,425,000	+61,567	+379,798

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate Wages paid.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## SUSPENDERS.

1896, .....	2	\$30,936	\$	\$
1897, .....	2	33,936	+3,000	.....
1898, .....	2	41,000	+7,064	.....
1899, .....	2	61,150	+20,150	.....
1900, .....	2	76,250	+15,100	.....
1901, .....	2	61,400	-14,850	.....
1902, .....	2	76,400	+15,000	.....
1903, .....	2	73,610	-2,790	.....
1904, .....	2	80,200	+6,590	.....
1905, .....	2	84,450	+4,250	+53,514

## HATS AND CAPS.

1896, .....	3	121,160	.....	.....
1897, .....	3	179,336	+58,176	.....
1898, .....	3	176,383	-2,953	.....
1899, .....	3	191,909	+15,526	.....
1900, .....	3	211,921	+20,012	.....
1901, .....	3	244,900	+32,979	.....
1902, .....	3	230,151	-14,749	.....
1903, .....	3	241,233	-11,082	.....
1904, .....	3	221,156	-20,077	.....
1905, .....	3	222,274	+1,118	+101,114

## FUR AND FELT HATS.

1896, .....	4	385,170	.....	.....
1897, .....	4	514,651	+129,481	.....
1898, .....	4	595,085	+80,434	.....
1899, .....	4	665,296	+70,211	.....
1900, .....	4	808,461	+143,165	.....
1901, .....	4	980,610	+172,149	.....
1902, .....	4	1,044,685	+64,075	.....
1903, .....	4	1,185,439	+140,754	.....
1904, .....	4	1,386,611	+201,172	.....
1905, .....	4	1,620,388	+233,777	+1,235,218



## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease (-) 1905 as compared with 1896.
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## WOOL HATS.

1896, .....	6	\$119,023	\$	\$
1897, .....	6	125,798	+6,775	.....
1898, .....	6	124,339	-1,459	.....
1899, .....	6	150,414	+26,075	.....
1900, .....	6	207,924	+57,510	.....
1901, .....	6	177,915	-30,009	.....
1902, .....	6	176,820	-1,095	.....
1903, .....	6	217,899	+41,079	.....
1904, .....	6	145,803	-72,096	.....
1905, .....	6	153,420	+7,617	+34,397

## UMBRELLAS AND PARASOLS.

1896, .....	4	136,441	.....	.....
1897, .....	4	170,504	+34,063	.....
1898, .....	4	135,627	-34,897	.....
1899, .....	4	144,650	+9,023	.....
1900, .....	4	135,101	-9,549	.....
1901, .....	4	144,419	+9,318	.....
1902, .....	4	139,420	-4,999	.....
1903, .....	4	149,435	+10,015	.....
1904, .....	4	129,304	-20,131	.....
1905, .....	4	136,869	+7,565	+428

DRESS TRIMMINGS, BRAIDS,  
ETC.

1896, .....	8	299,043	.....	.....
1897, .....	8	380,240	+81,197	.....
1898, .....	8	413,277	+33,037	.....
1899, .....	8	479,688	+66,411	.....
1900, .....	8	533,502	+53,814	.....
1901, .....	8	494,333	-39,169	.....
1902, .....	8	549,806	+55,473	.....
1903, .....	8	562,369	+12,563	.....
1904, .....	8	502,992	-59,377	.....
1905, .....	8	515,983	+12,991	+216,940

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase (+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease (-) 1905 as compared with 1896.
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## SHIRTS AND SHIRT WAISTS.

1896, .....	8	\$499,108	\$	\$
1897, .....	8	468,143	-30,965	.....
1898, .....	8	508,836	+40,693	.....
1899, .....	8	657,308	+148,472	.....
1900, .....	8	701,863	+44,555	.....
1901, .....	8	745,005	+43,142	.....
1902, .....	8	857,835	+112,830	.....
1903, .....	8	860,896	+3,061	.....
1904, .....	8	914,010	+53,114	.....
1905, .....	8	957,214	+43,204	+458,106

## NECKWEAR.

1896, .....	3	72,910	.....	.....
1897, .....	3	62,988	-9,922	.....
1898, .....	3	68,975	+5,987	.....
1899, .....	3	73,883	+4,908	.....
1900, .....	3	69,247	-4,636	.....
1901, .....	3	57,388	-11,859	.....
1902, .....	3	55,068	-2,320	.....
1903, .....	3	54,050	-1,018	.....
1904, .....	3	47,596	-6,454	.....
1905, .....	3	48,240	+644	-24,670

## COTTON AND WOOLEN CLOTHS.

1896, .....	19	1,267,417	.....	.....
1897, .....	19	1,462,133	+194,716	.....
1898, .....	19	1,467,265	+5,132	.....
1899, .....	19	1,672,821	+205,556	.....
1900, .....	19	1,727,800	+54,979	.....
1901, .....	19	1,640,447	-87,353	.....
1902, .....	19	2,026,461	+386,014	.....
1903, .....	19	1,800,557	-225,904	.....
1904, .....	19	1,648,993	-151,564	.....
1905, .....	19	1,942,926	+293,933	+675,509

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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## CARPETS.

1896, .....	17	\$784,416	\$	\$
1897, .....	17	986,918	+202,502	.....
1898, .....	17	998,647	+11,729	.....
1899, .....	17	1,177,796	+179,149	.....
1900, .....	17	1,162,693	—15,103	.....
1901, .....	17	1,254,800	+92,107	.....
1902, .....	17	1,360,511	+105,711	.....
1903, .....	17	1,099,206	—261,305	.....
1904, .....	17	1,206,985	+107,779	.....
1905, .....	17	1,155,284	—51,701	+370,868

## COTTON GOODS.

1896, .....	13	683,726	.....	.....
1897, .....	13	757,967	+74,241	.....
1898, .....	13	808,021	+40,054	.....
1899, .....	13	890,061	+82,040	.....
1900, .....	13	901,700	+11,639	.....
1901, .....	13	876,118	—25,582	.....
1902, .....	13	932,949	+56,831	.....
1903, .....	13	894,183	—38,766	.....
1904, .....	13	843,392	—50,791	.....
1905, .....	13	931,306	+87,914	+247,580

WOOLEN AND WORSTED CAS-  
SIMERES.

1896, .....	10	411,969	.....	.....
1897, .....	10	514,127	+102,158	.....
1898, .....	10	557,154	+43,027	.....
1899, .....	10	658,948	+101,794	.....
1900, .....	10	679,829	+20,881	.....
1901, .....	10	682,967	+3,138	.....
1902, .....	10	979,658	+296,691	.....
1903, .....	10	1,005,471	+25,813	.....
1904, .....	10	969,572	—35,899	.....
1905, .....	10	997,801	+28,229	+585,832

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WOOLEN AND WORSTED  
FABRICS.

1896, .....	13	\$728,707	\$	\$
1897, .....	13	956,726	+228,019	.....
1898, .....	13	977,859	+21,133	.....
1899, .....	13	1,119,544	+141,685	.....
1900, .....	13	1,258,932	+139,388	.....
1901, .....	13	1,101,694	—157,238	.....
1902, .....	13	1,315,002	+213,308	.....
1903, .....	13	1,240,080	—74,922	.....
1904, .....	13	1,210,389	—29,691	.....
1905, .....	13	1,337,624	+127,235	+608,317

WOOLEN AND WORSTED  
YARNS.

1896, .....	12	411,043	.....	.....
1897, .....	12	491,309	+80,266	.....
1898, .....	12	453,110	—38,199	.....
1899, .....	12	534,400	+81,290	.....
1900, .....	12	531,039	—3,361	.....
1901, .....	12	578,871	+47,832	.....
1902, .....	12	648,616	+69,745	.....
1903, .....	12	745,149	+96,533	.....
1904, .....	12	673,386	—71,763	.....
1905, .....	12	688,374	+14,988	+277,331

## RUGS, YARNS, ETC.

1896, .....	4	915,538	.....	.....
1897, .....	4	887,464	—28,074	.....
1898, .....	4	898,877	+11,413	.....
1899, .....	4	1,042,019	+143,142	.....
1900, .....	4	1,044,414	+2,395	.....
1901, .....	4	1,050,004	+5,590	.....
1902, .....	4	1,191,131	+141,127	.....
1903, .....	4	1,125,689	—65,442	.....
1904, .....	4	1,207,206	+81,517	.....
1905, .....	4	1,210,648	+3,442	+295,110

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CARPET YARNS.

1896, .....	10	\$181,463	\$	\$
1897, .....	10	224,083	+42,620	.....
1898, .....	10	189,233	—34,850	.....
1899, .....	10	239,364	+50,131	.....
1900, .....	10	242,123	+2,759	.....
1901, .....	10	262,322	+20,199	.....
1902, .....	10	298,462	+36,140	.....
1903, .....	10	274,810	—23,652	.....
1904, .....	10	275,037	+227	.....
1905, .....	10	274,383	—654	+92,920

## COTTON YARNS.

1896, .....	6	178,359	.....	.....
1897, .....	6	190,350	+11,991	.....
1898, .....	6	226,506	+36,156	.....
1899, .....	6	228,163	+1,657	.....
1900, .....	6	249,937	+21,774	.....
1901, .....	6	217,143	—32,794	.....
1902, .....	6	222,667	+5,524	.....
1903, .....	6	215,173	—7,494	.....
1904, .....	6	187,116	—28,057	.....
1905, .....	6	243,164	+56,048	+64,805

WORSTED, WOOLEN AND COT-  
TON YARNS.

1896, .....	8	321,264	.....	.....
1897, .....	8	387,254	+65,990	.....
1898, .....	8	365,258	—21,996	.....
1899, .....	8	431,927	+66,669	.....
1900, .....	8	455,186	+23,259	.....
1901, .....	8	456,891	+1,705	.....
1902, .....	8	556,250	+99,359	.....
1903, .....	8	517,944	—38,306	.....
1904, .....	8	457,059	—60,885	.....
1905, .....	8	546,499	+89,440	+225,235



## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WOOLEN BLANKETS, FLANNELS, ETC.

1896, .....	5	\$257,057	\$	\$
1897, .....	5	264,403	+7,346	.....
1898, .....	5	350,302	+85,899	.....
1899, .....	5	322,275	—28,027	.....
1900, .....	5	323,711	+1,436	.....
1901, .....	5	299,492	—24,219	.....
1902, .....	5	326,429	+26,937	.....
1903, .....	5	326,841	+412	.....
1904, .....	5	348,958	+22,117	.....
1905, .....	5	377,473	+28,515	+120,416

## LACE GOODS.

1896, .....	3	193,765	.....	.....
1897, .....	3	223,436	+29,671	.....
1898, .....	3	269,910	+46,474	.....
1899, .....	3	313,641	+43,731	.....
1900, .....	3	372,460	+58,819	.....
1901, .....	3	382,726	+10,266	.....
1902, .....	3	437,716	+54,990	.....
1903, .....	3	531,393	+93,677	.....
1904, .....	3	606,958	+75,565	.....
1905, .....	3	504,718	—102,240	+311,953

## CHENILLE GOODS.

1896, .....	2	113,738	.....	.....
1897, .....	2	140,324	+26,586	.....
1898, .....	2	142,271	+1,947	.....
1899, .....	2	160,748	+18,477	.....
1900, .....	2	212,670	+51,922	.....
1901, .....	2	235,236	+22,566	.....
1902, .....	2	251,581	+16,345	.....
1903, .....	2	273,812	+22,231	.....
1904, .....	2	242,154	—31,658	.....
1905, .....	2	262,665	+20,511	+148,927

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## UPHOLSTERY GOODS.

1896, .....	7	\$385,437	\$	\$
1897, .....	7	450,305	+64,868	.....
1898, .....	7	520,772	+70,467	.....
1899, .....	7	562,867	+42,095	.....
1900, .....	7	545,829	—17,038	.....
1901, .....	7	614,624	+68,795	.....
1902, .....	7	761,011	+146,387	.....
1903, .....	7	695,428	—65,583	.....
1904, .....	7	619,927	—75,501	.....
1905, .....	7	704,946	+85,019	+319,509

## KNIT GOODS, UNDERWEAR.

1896, .....	13	611,923	.....	.....
1897, .....	13	674,072	+62,149	.....
1898, .....	13	686,552	+12,480	.....
1899, .....	13	790,868	+104,316	.....
1900, .....	13	811,968	+21,100	.....
1901, .....	13	766,663	—45,305	.....
1902, .....	13	864,904	+98,241	.....
1903, .....	13	817,193	—47,711	.....
1904, .....	13	683,677	—133,516	.....
1905, .....	13	708,149	+24,472	+96,226

## HOSIERY.

1896, .....	31	1,130,215	.....	.....
1897, .....	31	1,377,150	+246,935	.....
1898, .....	31	1,483,567	+106,417	.....
1899, .....	31	1,610,552	+126,985	.....
1900, .....	31	1,796,880	+186,328	.....
1901, .....	31	1,874,579	+77,699	.....
1902, .....	31	2,047,842	+173,263	.....
1903, .....	31	2,112,764	+64,922	.....
1904, .....	31	2,091,679	—21,085	.....
1905, .....	31	2,294,918	+203,239	+1,164,703

## AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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SILK—BROAD GOODS, THROWN  
SILK, YARNS, ETC.

1896, .....	5	\$543,285	\$	\$
1897, .....	5	764,088	+220,803	.....
1898, .....	5	856,927	+92,839	.....
1899, .....	5	913,571	+56,644	.....
1900, .....	5	859,311	-54,260	.....
1901, .....	5	858,580	-731	.....
1902, .....	5	1,186,106	+327,526	.....
1903, .....	5	1,228,686	+42,580	.....
1904, .....	5	1,078,723	-149,963	.....
1905, .....	5	1,211,048	+132,325	+667,763

SILK—BROAD GOODS AND RIB-  
BONS.

1896, .....	2	325,323	.....	.....
1897, .....	2	477,694	+152,371	.....
1898, .....	2	516,061	+38,367	.....
1899, .....	2	522,612	+6,551	.....
1900, .....	2	465,000	-57,612	.....
1901, .....	2	542,822	+77,822	.....
1902, .....	2	602,688	+59,866	.....
1903, .....	2	888,496	+285,808	.....
1904, .....	2	607,318	-281,178	.....
1905, .....	2	711,141	+103,823	+385,818

SILK—RIBBONS.

1896, .....	3	95,315	.....	.....
1897, .....	3	142,583	+47,268	.....
1898, .....	3	155,135	+12,552	.....
1899, .....	3	162,627	+7,492	.....
1900, .....	3	170,512	+7,885	.....
1901, .....	3	237,076	+66,564	.....
1902, .....	3	348,485	+111,409	.....
1903, .....	3	379,802	+31,317	.....
1904, .....	3	432,031	+52,229	.....
1905, .....	3	435,341	+3,310	+340,026

## VALUE OF PRODUCT.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903 1904 and 1905.

NOTE.—In this table the value of manufactured product by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments are considered.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
<b>TOOL STEEL.</b>				
1896, .....	3	\$433,801	\$	\$
1897, .....	3	270,029	-163,772	.....
1898, .....	3	445,065	+175,036	.....
1899, .....	3	479,480	+34,415	.....
1900, .....	3	436,340	-43,140	.....
1901, .....	3	664,097	+227,757	.....
1902, .....	3	918,130	+254,033	.....
1903, .....	3	999,373	+81,243	.....
1904, .....	3	1,186,736	+187,363	.....
1905, .....	3	1,976,026	+789,290	+1,542,225
<b>IRON AND STEEL FORGINGS.</b>				
1896, .....	5	292,046	.....	.....
1897, .....	5	253,802	-39,244	.....
1898, .....	5	321,576	+67,774	.....
1899, .....	5	529,027	+207,451	.....
1900, .....	5	516,946	-12,081	.....
1901, .....	5	579,306	+62,360	.....
1902, .....	5	749,458	+170,152	.....
1903, .....	5	768,557	+19,099	.....
1904, .....	5	669,697	-98,860	.....
1905, .....	5	860,276	+190,579	+568,230
<b>MALLEABLE IRON.</b>				
1896, .....	4	1,933,107.	.....	.....
1897, .....	4	1,627,267	-305,840	.....
1898, .....	4	2,288,315	+661,048	.....
1899, .....	4	2,807,229	+518,914	.....
1900, .....	4	2,485,414	-321,815	.....
1901, .....	4	2,153,732	-331,682	.....
1902, .....	4	2,751,425	+597,693	.....
1903, .....	4	3,013,003	+261,578	.....
1904, .....	4	1,957,996	-1,055,007	.....
1905, .....	4	3,017,199	+1,059,203	+1,084,092

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOLTS, NUTS, ETC.

1896, .....	7	\$1,092,865	\$	\$
1897, .....	7	970,899	—121,966	.....
1898, .....	7	1,122,341	+151,442	.....
1899, .....	7	2,106,142	+983,801	.....
1900, .....	7	2,310,580	+204,438	.....
1901, .....	7	2,124,821	—185,759	.....
1902, .....	7	2,625,000	+500,179	.....
1903, .....	7	2,512,919	—112,081	.....
1904, .....	7	1,643,295	—869,624	.....
1905, .....	7	2,441,894	+798,599	+1,349,029

## WIRE NAILS, RIVETS, ETC.

1896, .....	3	460,664	.....	.....
1897, .....	3	376,767	—83,897	.....
1898, .....	3	425,018	+48,251	.....
1899, .....	3	653,403	+228,385	.....
1900, .....	3	802,460	+149,057	.....
1901, .....	3	795,616	—6,844	.....
1902, .....	3	703,570	—92,046	.....
1903, .....	3	734,492	+30,922	.....
1904, .....	3	645,964	—88,528	.....
1905, .....	3	904,730	+258,766	+444,066

## TACKS AND SMALL NAILS.

1896, .....	3	95,516	.....	.....
1897, .....	3	85,986	—9,530	.....
1898, .....	3	74,260	—11,726	.....
1899, .....	3	142,244	+67,984	.....
1900, .....	3	129,291	—12,953	.....
1901, .....	3	140,528	+11,237	.....
1902, .....	3	129,112	—11,416	.....
1903, .....	3	139,600	+10,488	.....
1904, .....	3	155,805	+16,205	.....
1905, .....	3	159,604	+3,799	+64,088



## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WIRE.

1896, .....	4	\$165,738	\$	\$
1897, .....	4	168,503	+2,765	.....
1898, .....	4	235,674	+67,171	.....
1899, .....	4	281,323	+45,649	.....
1900, .....	4	438,987	+157,664	.....
1901, .....	4	449,911	+10,924	.....
1902, .....	4	413,288	—36,623	.....
1903, .....	4	460,617	+47,329	.....
1904, .....	4	368,712	—91,905	.....
1905, .....	4	385,848	+17,136	+220,110

## WIRE ROPE.

1896, .....	2	615,004	.....	.....
1897, .....	2	596,192	—18,812	.....
1898, .....	2	655,466	+59,274	.....
1899, .....	2	971,113	+315,652	.....
1900, .....	2	1,471,284	+500,166	.....
1901, .....	2	1,693,920	+222,636	.....
1902, .....	2	1,686,064	—7,856	.....
1903, .....	2	1,752,539	+66,475	.....
1904, .....	2	1,511,653	—240,886	.....
1905, .....	2	1,920,536	+408,883	+1,305,532

## WIRE GOODS.

1896, .....	5	217,040	.....	.....
1897, .....	5	259,311	+42,271	.....
1898, .....	5	323,568	+64,257	.....
1899, .....	5	396,067	+72,499	.....
1900, .....	5	342,677	—53,390	.....
1901, .....	5	376,397	+33,720	.....
1902, .....	5	365,833	—10,564	.....
1903, .....	5	321,478	—44,355	.....
1904, .....	5	332,404	+10,926	.....
1905, .....	5	350,980	+18,576	+133,940

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WAGON AND CARRIAGE AXLES  
AND SPRINGS.

1906, .....	4	\$503,498	\$	\$
1897, .....	4	506,809	+3,311	.....
1898, .....	4	601,206	+94,397	.....
1899, .....	4	859,170	+257,964	.....
1900, .....	4	701,173	—157,997	.....
1901, .....	4	849,284	+148,111	.....
1902, .....	4	1,047,710	+198,426	.....
1903, .....	4	1,028,598	—19,112	.....
1904, .....	4	1,005,473	—23,125	.....
1905, .....	4	1,172,410	+166,937	+668,912

SCALES.

1896, .....	3	211,592	.....	.....
1897, .....	3	224,765	+13,173	.....
1898, .....	3	260,564	+35,799	.....
1899, .....	3	318,487	+57,923	.....
1900, .....	3	345,036	+26,549	.....
1901, .....	3	370,587	+25,551	.....
1902, .....	3	383,229	+12,642	.....
1903, .....	3	387,126	+3,897	.....
1904, .....	3	543,510	+156,384	.....
1905, .....	3	505,947	—37,563	+294,355

STOVES, RANGES, HEATERS,  
ETC.

1896, .....	28	3,999,486	.....	.....
1897, .....	28	4,067,063	+67,577	.....
1898, .....	28	4,124,160	+57,097	.....
1899, .....	28	4,934,297	+810,137	.....
1900, .....	28	5,256,816	+322,519	.....
1901, .....	28	4,944,554	—312,262	.....
1902, .....	28	5,311,925	+367,371	.....
1903, .....	28	5,465,224	+153,299	.....
1904, .....	28	5,301,495	—163,729	.....
1905, .....	28	5,743,639	+442,144	+1,744,153

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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## BATH BOILERS, TANKS, ETC.

1896, .....	2	\$61,186	\$	\$
1897, .....	2	63,699	+2,513	.....
1898, .....	2	62,102	—1,597	.....
1899, .....	2	89,691	+27,589	.....
1900, .....	2	82,639	—7,052	.....
1901, .....	2	95,958	+13,319	.....
1902, .....	2	102,545	+6,587	.....
1903, .....	2	99,299	—3,246	.....
1904, .....	2	115,015	+15,716	.....
1905, .....	2	140,487	+25,472	+79,301

## HARDWARE SPECIALTIES.

1896, .....	12	2,321,910	.....	.....
1897, .....	12	2,633,530	+311,620	.....
1898, .....	12	2,757,666	+124,136	.....
1899, .....	12	3,742,301	+984,635	.....
1900, .....	12	3,255,976	—486,325	.....
1901, .....	12	3,552,151	+296,175	.....
1902, .....	12	4,118,174	+566,023	.....
1903, .....	12	4,286,226	+168,052	.....
1904, .....	12	4,104,423	—181,803	.....
1905, .....	12	4,522,333	+417,910	+2,200,423

## EDGE TOOLS.

1896, .....	12	1,083,068	.....	.....
1897, .....	12	781,832	—301,236	.....
1898, .....	12	1,069,190	+287,358	.....
1899, .....	12	1,393,284	+324,094	.....
1900, .....	12	1,618,418	+225,134	.....
1901, .....	12	1,488,852	—129,566	.....
1902, .....	12	1,859,060	+370,208	.....
1903, .....	12	1,688,684	—170,376	.....
1904, .....	12	1,439,388	—249,296	.....
1905, .....	12	1,437,603	—1,785	+354,535

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WRENCHES, PICKS, ETC.				
1896, .....	5	\$363,054	\$	\$
1897, .....	5	462,043	+98,989	.....
1898, .....	5	494,058	+32,015	.....
1899, .....	5	685,497	+191,439	.....
1900, .....	5	690,584	+5,087	.....
1901, .....	5	713,089	+22,505	.....
1902, .....	5	684,864	—28,225	.....
1903, .....	5	840,172	+155,308	.....
1904, .....	5	700,594	—139,578	.....
1905, .....	5	841,245	+140,651	+478,191
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896, .....	3	6,983,962	.....	.....
1897, .....	3	6,534,498	—449,464	.....
1898, .....	3	8,000,396	+1,465,898	.....
1899, .....	3	10,020,362	+2,019,966	.....
1900, .....	3	11,203,744	+1,183,382	.....
1901, .....	3	11,622,675	+418,931	.....
1902, .....	3	11,762,401	+139,726	.....
1903, .....	3	12,922,248	+1,159,847	.....
1904, .....	3	14,493,485	+1,571,237	.....
1905, .....	3	18,867,645	+4,374,160	+11,883,683
WROUGHT IRON PIPE AND TUBES.				
1896, .....	5	11,907,420	.....	.....
1897, .....	5	11,341,565	—565,855	.....
1898, .....	5	14,552,862	+3,211,297	.....
1899, .....	5	26,160,998	+11,608,136	.....
1900, .....	5	21,342,983	—4,818,015	.....
1901, .....	5	27,381,482	+6,038,499	.....
1902, .....	5	29,664,392	+2,282,910	.....
1903, .....	5	26,193,611	—3,470,781	.....
1904, .....	5	22,911,554	—3,282,057	.....
1905, .....	5	20,658,392	—2,253,162	+8,750,972

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CAST IRON PIPE.

1896, .....	3	\$862,648	\$	\$
1897, .....	3	1,184,240	+321,592	.....
1898, .....	3	1,260,038	+75,798	.....
1899, .....	3	1,350,801	+90,763	.....
1900, .....	3	1,745,213	+394,412	.....
1901, .....	3	2,004,285	+259,072	.....
1902, .....	3	2,207,605	+203,320	.....
1903, .....	3	1,956,635	—250,970	.....
1904, .....	3	2,206,059	+249,424	.....
1905, .....	3	2,693,303	+487,244	+1,830,655

BRASS, COPPER AND BRONZE  
GOODS.

1896, .....	18	2,183,935	.....	.....
1897, .....	18	1,971,452	—212,483	.....
1898, .....	18	2,381,695	+410,243	.....
1899, .....	18	3,520,187	+1,138,492	.....
1900, .....	18	3,449,758	—70,429	.....
1901, .....	18	4,035,363	+585,605	.....
1902, .....	18	4,453,598	+418,235	.....
1903, .....	18	4,447,741	—5,857	.....
1904, .....	18	3,648,088	—799,653	.....
1905, .....	18	5,183,157	+1,535,069	+2,999,222

## IRON AND STEEL BRIDGES.

1896, .....	7	3,429,136	.....	.....
1897, .....	7	3,115,871	—313,765	.....
1898, .....	7	3,717,213	+601,842	.....
1899, .....	7	5,095,097	+1,377,884	.....
1900, .....	7	8,649,413	+3,554,316	.....
1901, .....	7	6,432,504	—2,216,909	.....
1902, .....	7	7,947,777	+1,515,273	.....
1903, .....	7	7,925,838	—21,939	.....
1904, .....	7	8,798,873	+873,035	.....
1905, .....	7	11,037,325	+2,238,452	+7,608,189

12—9—1905.



## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
<b>LOCOMOTIVES, STATIONARY ENGINES, ETC.</b>				
1896, .....	9	\$8,792,061	\$	\$
1897, .....	9	8,531,117	—260,944	.....
1898, .....	9	12,862,598	+4,331,481	.....
1899, .....	9	17,572,598	+4,710,000	.....
1900, .....	9	24,600,085	+7,027,487	.....
1901, .....	9	27,094,502	+2,494,417	.....
1902, .....	9	32,801,859	+5,707,357	.....
1903, .....	9	43,940,968	+11,139,109	.....
1904, .....	9	24,916,631	—19,024,337	.....
1905, .....	9	42,668,313	+17,751,682	+33,876,252
<b>ENGINES, BOILERS, ETC.</b>				
1896, .....	9	2,885,755	.....	.....
1897, .....	9	2,465,000	—420,755	.....
1898, .....	9	2,895,346	+430,346	.....
1899, .....	9	4,323,627	+1,428,281	.....
1900, .....	9	4,757,183	+433,556	.....
1901, .....	9	4,835,453	+78,270	.....
1902, .....	9	5,429,321	+593,868	.....
1903, .....	9	5,568,492	+139,171	.....
1904, .....	9	4,633,585	—934,907	.....
1905, .....	9	4,732,195	+98,610	+1,846,440
<b>CAR SPRINGS, AXLES AND RAILWAY SUPPLIES.</b>				
1896, .....	9	3,451,325	.....	.....
1897, .....	9	3,271,106	—180,219	.....
1898, .....	9	6,609,331	+3,338,225	.....
1899, .....	9	16,339,020	+9,729,689	.....
1900, .....	9	27,485,740	+11,146,720	.....
1901, .....	9	26,020,609	—1,465,131	.....
1902, .....	9	38,083,264	+12,062,655	.....
1903, .....	9	29,660,282	—8,422,982	.....
1904, .....	9	*6,583,905	—23,076,377	.....
1905, .....	9	22,788,125	+16,204,220	+19,336,800

\*The remarkable shrinkage here indicated owing to depression in business.

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## IRON VESSELS AND ENGINES.

1896, .....	3	\$4,991,255	\$	\$
1897, .....	3	4,588,448	—402,807	.....
1898, .....	3	6,635,431	+2,046,983	.....
1899, .....	3	9,165,761	+2,530,330	.....
1900, .....	3	12,062,974	+2,897,213	.....
1901, .....	3	10,619,270	—1,443,704	.....
1902, .....	3	12,367,771	+1,748,501	.....
1903, .....	3	12,152,756	—215,015	.....
1904, .....	3	10,718,656	—1,434,100	.....
1905, .....	3	9,611,980	—1,106,676	+4,620,725

## BOILERS, TANKS, STACKS, ETC.

1896, .....	20	1,742,562	.....	.....
1897, .....	20	1,750,625	+8,063	.....
1898, .....	20	2,272,755	+522,130	.....
1899, .....	20	3,104,771	+832,016	.....
1900, .....	20	3,925,048	+820,277	.....
1901, .....	20	4,603,297	+678,249	.....
1902, .....	20	4,879,748	+276,451	.....
1903, .....	20	4,910,015	+30,267	.....
1904, .....	20	4,007,474	—902,541	.....
1905, .....	20	4,373,430	+365,956	+2,630,868

## MACHINERY.

1896, .....	18	5,254,323	.....	.....
1897, .....	18	5,324,440	+70,117	.....
1898, .....	18	6,372,564	+1,048,124	.....
1899, .....	18	6,973,093	+600,529	.....
1900, .....	18	9,924,157	+2,951,064	.....
1901, .....	18	10,348,434	+424,277	.....
1902, .....	18	11,699,604	+1,351,170	.....
1903, .....	18	12,194,163	+494,559	.....
1904, .....	18	7,811,036	—4,383,127	.....
1905, .....	18	9,870,316	+2,059,280	+4,615,993

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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FOUNDRIES AND MACHINE  
SHOPS.

1896, .....	24	\$2,572,580	\$	\$
1897, .....	24	2,913,283	+340,703	.....
1898, .....	24	3,522,759	+609,476	.....
1899, .....	24	5,089,992	+1,567,233	.....
1900, .....	24	5,753,708	+663,716	.....
1901, .....	24	5,797,771	+44,063	.....
1902, .....	24	7,336,312	+1,538,541	.....
1903, .....	24	7,094,124	-242,188	.....
1904, .....	24	6,221,584	-872,540	.....
1905, .....	24	8,399,965	+2,178,381	+5,827,385

FILES, ETC.

1896, .....	2	321,222	.....	.....
1897, .....	2	329,533	+8,311	.....
1898, .....	2	400,465	+70,932	.....
1899, .....	2	456,967	+56,502	.....
1900, .....	2	477,377	+20,410	.....
1901, .....	2	589,335	+111,958	.....
1902, .....	2	611,916	+22,581	.....
1903, .....	2	636,989	+25,073	.....
1904, .....	2	688,636	+51,647	.....
1905, .....	2	690,120	+1,484	+368,898

SAWS.

1896, .....	3	88,186	.....	.....
1897, .....	3	71,437	-16,749	.....
1898, .....	3	76,338	+4,901	.....
1899, .....	3	83,624	+7,286	.....
1900, .....	3	132,105	+48,481	.....
1901, .....	3	128,426	-3,679	.....
1902, .....	3	131,473	+3,047	.....
1903, .....	3	134,294	+2,821	.....
1904, .....	3	121,550	-12,744	.....
1905, .....	3	106,759	-14,791	+18,573

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## PLUMBER SUPPLIES.

1896, .....	3	\$1,078,000	\$	\$
1897, .....	3	962,000	-116,000	.....
1898, .....	3	1,097,058	+135,058	.....
1899, .....	3	1,436,661	+339,603	.....
1900, .....	3	1,301,478	-135,183	.....
1901, .....	3	1,431,561	+130,083	.....
1902, .....	3	1,611,691	+180,130	.....
1903, .....	3	1,612,454	+763	.....
1904, .....	3	1,494,682	-117,772	.....
1905, .....	3	1,586,543	+91,861	+508,543

## ELECTRICAL SUPPLIES.

1896, .....	2	3,484,436	.....	.....
1897, .....	2	3,322,684	-161,752	.....
1898, .....	2	6,664,895	+3,342,211	.....
1899, .....	2	11,306,458	+4,641,563	.....
1900, .....	2	15,201,007	+3,894,549	.....
1901, .....	2	16,074,791	+873,784	.....
1902, .....	2	18,730,567	+2,655,776	.....
1903, .....	2	18,194,265	-536,302	.....
1904, .....	2	17,507,280	-686,985	.....
1905, .....	2	19,048,709	+1,541,429	+15,564,273

SHOVELS, SPADES, SCOOPS,  
ETC.

1896, .....	8	813,573	.....	.....
1897, .....	8	803,048	-10,525	.....
1898, .....	8	997,314	+194,266	.....
1899, .....	8	1,493,946	+496,632	.....
1900, .....	8	1,134,772	-359,174	.....
1901, .....	8	1,612,469	+477,697	.....
1902, .....	8	1,617,140	+4,671	.....
1903, .....	8	1,546,806	-70,334	.....
1904, .....	8	1,332,240	-214,566	.....
1905, .....	8	1,557,565	+225,325	+743,992

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## SAFES AND VAULT DOORS.

1896, .....	2	\$151,546	\$	\$
1897, .....	2	157,476	+5,930	.....
1898, .....	2	153,085	—4,391	.....
1899, .....	2	156,773	+3,688	.....
1900, .....	2	508,936	+352,163	.....
1901, .....	2	333,538	—175,398	.....
1902, .....	2	373,524	+39,986	.....
1903, .....	2	468,301	+94,777	.....
1904, .....	2	629,006	+160,705	.....
1905, .....	2	481,599	—147,407	+330,053

## METAL AND METALLIC GOODS.

1896, .....	3	161,989	.....	.....
1897, .....	3	184,101	+22,112	.....
1898, .....	3	207,496	+23,395	.....
1899, .....	3	300,978	+93,482	.....
1900, .....	3	334,973	+33,995	.....
1901, .....	3	344,926	+9,953	.....
1902, .....	3	307,438	—37,488	.....
1903, .....	3	317,380	+9,942	.....
1904, .....	3	238,700	—78,680	.....
1905, .....	3	104,702	—133,998	—57,287

BUILDING AND STRUCTURAL  
IRON WORK.

1896, .....	2	1,195,156	.....	.....
1897, .....	2	1,249,288	+54,132	.....
1898, .....	2	2,057,639	+808,351	.....
1899, .....	2	2,157,573	+99,934	.....
1900, .....	2	4,572,828	+2,415,255	.....
1901, .....	2	6,403,461	+1,830,633	.....
1902, .....	2	5,730,246	—673,215	.....
1903, .....	2	7,778,126	+2,047,880	.....
1904, .....	2	6,774,988	—1,003,138	.....
1905, .....	2	7,308,652	+533,664	+6,113,496



## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## IRON CHAINS.

1896, .....	5	\$331,059	\$	\$
1897, .....	5	336,049	+4,990	.....
1898, .....	5	409,304	+73,255	.....
1899, .....	5	584,109	+174,805	.....
1900, .....	5	508,450	—75,659	.....
1901, .....	5	561,193	+52,743	.....
1902, .....	5	1,091,064	+529,871	.....
1903, .....	5	1,040,922	—50,142	.....
1904, .....	5	984,059	—56,863	.....
1905, .....	5	1,067,608	+83,549	+736,549

## IRON FENCES AND RAILINGS.

1896, .....	7	119,501	.....	.....
1897, .....	7	145,641	+26,140	.....
1898, .....	7	187,059	+41,418	.....
1899, .....	7	260,498	+73,439	.....
1900, .....	7	306,812	+46,314	.....
1901, .....	7	379,015	+72,203	.....
1902, .....	7	635,917	+256,902	.....
1903, .....	7	702,848	+66,931	.....
1904, .....	7	819,901	+117,053	.....
1905, .....	7	935,383	+115,482	+815,882

## AGRICULTURAL IMPLEMENTS.

1896, .....	10	2,201,939	.....	.....
1897, .....	10	2,377,824	+175,885	.....
1898, .....	10	2,781,546	+403,722	.....
1899, .....	10	3,109,442	+327,896	.....
1900, .....	10	3,099,260	—10,182	.....
1901, .....	10	3,365,387	+266,127	.....
1902, .....	10	3,655,913	+290,526	.....
1903, .....	10	4,072,357	+416,444	.....
1904, .....	10	3,871,598	—200,759	.....
1905, .....	10	4,740,528	+868,930	+2,538,589

## VALUE OF PRODUCT--Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT--SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## STEAM PUMPS.

1896, .....	2	\$334,056	\$	\$
1897, .....	2	249,488	—84,568	.....
1898, .....	2	313,511	+64,023	.....
1899, .....	2	411,714	+98,203	.....
1900, .....	2	645,011	+233,297	.....
1901, .....	2	411,468	—233,543	.....
1902, .....	2	497,452	+85,984	.....
1903, .....	2	550,287	+52,835	.....
1904, .....	2	276,709	—273,578	.....
1905, .....	2	398,325	+121,616	+64,269

## PIANOS AND ORGANS.

1896, .....	2	94,227	.....	.....
1897, .....	2	95,599	+1,272	.....
1898, .....	2	136,971	+41,872	.....
1899, .....	2	178,879	+41,708	.....
1900, .....	2	205,621	+26,942	.....
1901, .....	2	197,752	—7,869	.....
1902, .....	2	206,934	+9,182	.....
1903, .....	2	226,172	+19,238	.....
1904, .....	2	218,338	+7,834	.....
1905, .....	2	195,271	—23,067	+100,944

## TINWARE.

1896, .....	5	477,000	.....	.....
1897, .....	5	467,000	—10,000	.....
1898, .....	5	469,200	+2,200	.....
1899, .....	5	545,475	+76,275	.....
1900, .....	5	554,813	+9,338	.....
1901, .....	5	639,243	+84,430	.....
1902, .....	5	870,087	+230,844	.....
1903, .....	5	1,024,812	+154,725	.....
1904, .....	5	1,067,559	+42,747	.....
1905, .....	5	1,166,619	+99,060	+689,619

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value or production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PAPER MANUFACTORIES.

1896, .....	8	\$3,370,998	\$	\$
1897, .....	8	3,310,376	—60,622	.....
1898, .....	8	3,315,552	+5,176	.....
1899, .....	8	4,254,182	+938,630	.....
1900, .....	8	4,671,243	+417,061	.....
1901, .....	8	4,567,498	—103,745	.....
1902, .....	8	5,062,019	+494,521	.....
1903, .....	8	5,304,597	+242,578	.....
1904, .....	8	5,412,520	+107,923	.....
1905, .....	8	6,142,043	+729,523	+2,771,045

## WALL PAPER.

1896, .....	3	709,613	.....	.....
1897, .....	3	813,000	+103,387	.....
1898, .....	3	939,901	+126,901	.....
1899, .....	3	1,030,190	+90,289	.....
1900, .....	3	964,084	—66,106	.....
1901, .....	3	866,365	—97,719	.....
1902, .....	3	870,074	+3,709	.....
1903, .....	3	884,759	+14,685	.....
1904, .....	3	994,126	+109,367	.....
1905, .....	3	779,154	—214,972	+69,541

## CIGARS.

1896, .....	43	6,908,268	.....	.....
1897, .....	43	7,856,987	+948,719	.....
1898, .....	43	8,623,190	+766,203	.....
1899, .....	43	9,456,476	+833,286	.....
1900, .....	43	10,102,456	+645,980	.....
1901, .....	43	10,108,552	+6,096	.....
1902, .....	43	11,342,007	+1,233,455	.....
1903, .....	43	11,260,072	—81,935	.....
1904, .....	43	11,625,963	+365,891	.....
1905, .....	43	11,848,123	+222,160	+4,939,855

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOOK BINDING.

1896, .....	3	\$167,856	\$	\$
1897, .....	3	162,373	—5,483	.....
1898, .....	3	180,567	+18,194	.....
1899, .....	3	208,527	+27,960	.....
1900, .....	3	217,460	+8,933	.....
1901, .....	3	236,637	+19,177	.....
1902, .....	3	230,513	—6,124	.....
1903, .....	3	243,670	+13,157	.....
1904, .....	3	244,837	+1,167	.....
1905, .....	3	232,345	—12,492	+64,489

## CORDAGE, ROPE AND TWINE.

1896, .....	5	4,777,490	.....	.....
1897, .....	5	4,713,313	—64,177	.....
1898, .....	5	4,947,813	+234,500	.....
1899, .....	5	6,219,058	+1,271,245	.....
1900, .....	5	6,922,914	+703,856	.....
1901, .....	5	7,446,401	+523,487	.....
1902, .....	5	7,715,056	+268,655	.....
1903, .....	5	8,278,648	+563,592	.....
1904, .....	5	8,437,539	+158,891	.....
1905, .....	5	8,361,375	—76,164	+3,583,885

## PAPER, PAPER BOXES, ENVELOPES, ETC.

1896, .....	26	1,985,909	.....	.....
1897, .....	26	2,017,254	+31,345	.....
1898, .....	26	2,247,556	+230,302	.....
1899, .....	26	2,434,029	+186,473	.....
1900, .....	26	2,478,934	+44,905	.....
1901, .....	26	2,452,806	—26,128	.....
1902, .....	26	2,695,396	+242,590	.....
1903, .....	26	2,882,575	+187,179	.....
1904, .....	26	3,078,106	+195,531	.....
1905, .....	26	3,217,371	+139,265	+1,231,462

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## POTTERY.

1896, .....	2	\$206,732	\$	\$
1897, .....	2	192,167	—14,565	.....
1898, .....	2	226,326	+34,159	.....
1899, .....	2	244,254	+17,923	.....
1900, .....	2	232,121	—12,133	.....
1901, .....	2	246,060	+13,939	.....
1902, .....	2	200,666	—45,394	.....
1903, .....	2	224,423	+23,757	.....
1904, .....	2	268,626	+44,203	.....
1905, .....	2	276,732	+8,106	+70,000

## PAVING BRICK.

1896, .....	7	333,078	.....	.....
1897, .....	7	348,220	+15,142	.....
1898, .....	7	367,395	+19,175	.....
1899, .....	7	416,263	+48,868	.....
1900, .....	7	604,307	+188,044	.....
1901, .....	7	412,809	—191,498	.....
1902, .....	7	598,704	+185,895	.....
1903, .....	7	777,380	+178,676	.....
1904, .....	7	574,038	—203,342	.....
1905, .....	7	633,468	+59,430	+300,390

## BUILDING BRICK.

1896, .....	30	1,369,641	.....	.....
1897, .....	30	1,370,056	+415	.....
1898, .....	30	1,346,483	—23,573	.....
1899, .....	30	1,530,232	+183,749	.....
1900, .....	30	1,445,903	—84,329	.....
1901, .....	30	1,587,253	+141,350	.....
1902, .....	30	1,873,028	+285,775	.....
1903, .....	30	2,121,223	+248,195	.....
1904, .....	30	2,005,676	—115,547	.....
1905, .....	30	2,245,832	+240,156	+876,191



## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease(—) 1905 as compared with 1896.
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## FIRE BRICK.

1896, .....	17	\$1,639,926	\$	\$
1897, .....	17	1,570,074	—69,852	.....
1898, .....	17	1,915,392	+345,318	.....
1899, .....	17	2,486,398	+571,006	.....
1900, .....	17	3,560,462	+1,074,064	.....
1901, .....	17	3,221,632	—338,830	.....
1902, .....	17	4,225,554	+1,003,922	.....
1903, .....	17	3,948,531	—277,023	.....
1904, .....	17	3,113,026	—835,505	.....
1905, .....	17	3,500,191	+387,165	+1,860,265

## SLATE ROOFING, ETC., TONNAGE.

1896, .....	6	390,376	.....	.....
1897, .....	6	515,919	+125,543	.....
1898, .....	6	527,702	+21,783	.....
1899, .....	6	467,112	—70,590	.....
1900, .....	6	520,415	+53,303	.....
1901, .....	6	729,002	+208,587	.....
1902, .....	6	768,971	+39,969	.....
1903, .....	6	761,119	—7,852	.....
1904, .....	6	557,030	—204,089	.....
1905, .....	6	581,553	+24,523	+191,177

## SLATE ROOFING, ETC., SQUARES.

1896, .....	14	590,366	.....	.....
1897, .....	14	726,445	+136,079	.....
1898, .....	14	756,997	+30,552	.....
1899, .....	14	930,606	+173,609	.....
1900, .....	14	888,723	—41,867	.....
1901, .....	14	967,230	+78,497	.....
1902, .....	14	1,035,345	+68,115	.....
1903, .....	14	1,225,521	+190,176	.....
1904, .....	14	1,136,348	—89,173	.....
1905, .....	14	1,088,119	—48,229	+497,753

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WINDOW GLASS, BOTTLES AND  
TABLE GOODS.

1896, .....	20	\$5,857,448	\$	\$
1897, .....	20	6,573,961	+716,513	.....
1898, .....	20	7,543,866	+969,905	.....
1899, .....	20	9,065,032	+1,521,166	.....
1900, .....	20	9,907,353	+842,321	.....
1901, .....	20	8,674,560	—1,232,793	.....
1902, .....	20	9,723,592	+1,049,032	.....
1903, .....	20	11,212,176	+1,488,584	.....
1904, .....	20	10,863,186	—348,990	.....
1905, .....	20	10,918,723	+55,537	+5,061,275

## GLAZED AND CHROME KID.

1896, .....	7	8,049,657	.....	.....
1897, .....	7	10,649,292	+2,599,635	.....
1898, .....	7	12,691,322	+2,042,030	.....
1899, .....	7	16,342,644	+3,651,322	.....
1900, .....	7	15,059,504	—1,283,140	.....
1901, .....	7	19,364,997	+4,305,493	.....
1902, .....	7	17,482,809	—1,882,188	.....
1903, .....	7	14,132,953	—3,349,856	.....
1904, .....	7	15,863,543	+1,730,590	.....
1905, .....	7	19,533,125	+3,669,582	+11,483,468

MEN'S, WOMEN'S, MISSES AND  
CHILDREN'S SHOES.

1896, .....	13	4,354,513	.....	.....
1897, .....	13	4,624,218	+269,705	.....
1898, .....	13	5,073,265	+449,047	.....
1899, .....	13	5,095,419	+22,154	.....
1900, .....	13	5,089,364	—6,055	.....
1901, .....	13	5,348,333	+258,969	.....
1902, .....	13	5,484,547	+136,214	.....
1903, .....	13	5,773,531	+288,984	.....
1904, .....	13	5,864,970	+91,439	.....
1905, .....	13	6,185,265	+320,295	+1,830,752

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## SUSPENDERS.

1896, .....	2	\$319,100	\$	\$
1897, .....	2	349,100	+30,000	.....
1898, .....	2	391,500	+42,400	.....
1899, .....	2	483,250	+91,750	.....
1900, .....	2	624,000	+140,750	.....
1901, .....	2	701,000	+77,000	.....
1902, .....	2	755,400	+54,400	.....
1903, .....	2	831,850	+76,450	.....
1904, .....	2	876,300	+44,450	.....
1905, .....	2	986,500	+110,200	+667,400

## HATS AND CAPS.

1896, .....	3	525,607	.....	.....
1897, .....	3	782,060	+256,453	.....
1898, .....	3	787,149	—44,911	.....
1899, .....	3	698,891	—38,258	.....
1900, .....	3	901,917	+203,026	.....
1901, .....	3	1,046,651	+144,734	.....
1902, .....	3	988,678	—57,973	.....
1903, .....	3	1,093,386	+104,708	.....
1904, .....	3	809,695	—283,691	.....
1905, .....	3	980,543	+170,848	+454,936

## FUR AND FELT HATS.

1896, .....	4	1,447,818	.....	.....
1897, .....	4	1,558,607	+110,789	.....
1898, .....	4	1,731,063	+172,456	.....
1899, .....	4	2,020,731	+289,668	.....
1900, .....	4	2,494,914	+474,183	.....
1901, .....	4	2,954,738	+459,824	.....
1902, .....	4	3,171,734	+216,996	.....
1903, .....	4	3,813,462	+641,728	.....
1904, .....	4	4,356,829	+543,367	.....
1905, .....	4	5,066,090	+709,261	+3,618,272

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WOOL HATS.

1896, .....	6	\$474,177	\$	\$
1897, .....	6	562,574	+88,397	.....
1898, .....	6	555,565	—7,009	.....
1899, .....	6	659,534	+103,969	.....
1900, .....	6	865,654	+206,120	.....
1901, .....	6	733,560	—132,094	.....
1902, .....	6	748,903	+15,343	.....
1903, .....	6	786,856	+37,953	.....
1904, .....	6	596,771	—190,085	.....
1905, .....	6	592,307	—4,464	+118,130

## UMBRELLAS AND PARASOLS.

1896, .....	4	1,109,989	.....	.....
1897, .....	4	1,185,705	+75,716	.....
1898, .....	4	1,156,372	—29,333	.....
1899, .....	4	1,231,088	+74,716	.....
1900, .....	4	1,134,223	—96,865	.....
1901, .....	4	1,243,643	+109,420	.....
1902, .....	4	1,119,932	—123,711	.....
1903, .....	4	1,148,281	+28,349	.....
1904, .....	4	986,407	—161,874	.....
1905, .....	4	1,037,468	+51,061	—72,521

DRESS TRIMMINGS, BRAIDS,  
ETC.

1896, .....	8	1,218,500	.....	.....
1897, .....	8	1,471,696	+253,196	.....
1898, .....	8	1,708,275	+236,579	.....
1899, .....	8	2,085,395	+377,120	.....
1900, .....	8	2,195,940	+110,545	.....
1901, .....	8	2,034,319	—161,621	.....
1902, .....	8	2,123,892	+89,573	.....
1903, .....	8	2,360,137	+236,245	.....
1904, .....	8	2,373,324	+13,187	.....
1905, .....	8	2,511,247	+137,923	+1,392,747

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SHIRTS AND SHIRT WAISTS.

1896, .....	8	\$2,006,491	\$	\$
1897, .....	8	1,865,497	—140,994	.....
1898, .....	8	2,083,596	+218,099	.....
1899, .....	8	2,548,230	+464,634	.....
1900, .....	8	2,696,197	+147,967	.....
1901, .....	8	2,778,475	+82,278	.....
1902, .....	8	3,142,057	+363,582	.....
1903, .....	8	3,071,230	—70,827	.....
1904, .....	8	3,167,866	+96,636	.....
1905, .....	8	3,752,303	+584,437	+1,745,812

## NECKWEAR.

1896, .....	3	381,745	.....	.....
1897, .....	3	353,886	—27,859	.....
1898, .....	3	375,689	+21,803	.....
1899, .....	3	437,720	+62,041	.....
1900, .....	3	414,292	—23,428	.....
1901, .....	3	359,704	—54,588	.....
1902, .....	3	322,700	—37,004	.....
1903, .....	3	324,701	+2,001	.....
1904, .....	3	293,504	—31,197	.....
1905, .....	3	306,811	+13,307	—74,934

## COTTON AND WOOLEN CLOTHS.

1896, .....	19	4,758,580	.....	.....
1897, .....	19	5,567,113	+808,533	.....
1898, .....	19	5,562,908	—4,205	.....
1899, .....	19	6,802,028	+1,239,120	.....
1900, .....	19	6,767,935	—34,093	.....
1901, .....	19	6,723,547	—44,388	.....
1902, .....	19	8,077,641	+1,354,094	.....
1903, .....	19	7,235,467	—842,174	.....
1904, .....	19	6,817,563	—417,904	.....
1905, .....	19	8,476,016	+1,658,453	+3,717,436



## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CARPETS.

1896, .....	17	\$3,632,760	\$	\$
1897, .....	17	4,544,385	+911,625	.....
1898, .....	17	4,823,328	+278,943	.....
1899, .....	17	5,940,777	+1,117,449	.....
1900, .....	17	5,790,677	—150,100	.....
1901, .....	17	6,553,397	+762,720	.....
1902, .....	17	7,145,955	+592,558	.....
1903, .....	17	5,891,461	—1,254,494	.....
1904, .....	17	6,597,171	+705,710	.....
1905, .....	17	6,483,131	—114,040	+2,850,371

## COTTON GOODS.

1896, .....	13	2,324,292	.....	.....
1897, .....	13	2,546,889	+222,597	.....
1898, .....	13	2,621,896	+75,007	.....
1899, .....	13	2,908,182	+286,286	.....
1900, .....	13	3,097,728	+189,546	.....
1901, .....	13	3,185,408	+87,680	.....
1902, .....	13	3,275,652	+90,244	.....
1903, .....	13	3,230,452	—45,200	.....
1904, .....	13	3,200,754	—29,698	.....
1905, .....	13	3,666,103	+465,349	+1,341,811

WOOLEN AND WORSTED CASSI-  
MERES.

1896, .....	10	1,932,777	.....	.....
1897, .....	10	2,561,227	+628,450	.....
1898, .....	10	3,760,158	+1,198,931	.....
1899, .....	10	3,492,388	—267,770	.....
1900, .....	10	3,374,548	—117,840	.....
1901, .....	10	3,811,108	+436,560	.....
1902, .....	10	4,294,507	+483,399	.....
1903, .....	10	4,291,793	—2,714	.....
1904, .....	10	4,890,255	+598,462	.....
1905, .....	10	4,255,797	—634,458	+2,323,020

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WOOLEN AND WORSTED  
FABRICS.

1896, .....	13	\$3,575,713	\$	\$
1897, .....	13	4,870,660	+1,294,947	.....
1898, .....	13	4,945,241	+74,581	.....
1899, .....	13	5,702,598	+757,357	.....
1900, .....	13	6,691,925	+989,327	.....
1901, .....	13	6,062,268	—629,657	.....
1902, .....	13	7,291,406	+1,229,138	.....
1903, .....	13	7,082,054	—209,352	.....
1904, .....	13	7,184,594	+102,540	.....
1905, .....	13	8,819,219	+1,634,625	+5,243,506

WOOLEN AND WORSTED  
YARNS.

1896, .....	12	2,012,851	.....	.....
1897, .....	12	3,111,819	+1,098,968	.....
1898, .....	12	3,819,936	+708,117	.....
1899, .....	12	5,256,352	+1,436,416	.....
1900, .....	12	4,239,957	—1,016,395	.....
1901, .....	12	4,487,135	+247,178	.....
1902, .....	12	5,495,528	+1,008,393	.....
1903, .....	12	5,240,143	—255,385	.....
1904, .....	12	4,918,788	—321,355	.....
1905, .....	12	4,943,719	+24,931	+2,930,868

## RUGS, YARNS, ETC.

1896, .....	4	3,311,989	.....	.....
1897, .....	4	3,210,495	—101,494	.....
1898, .....	4	3,209,295	—1,200	.....
1899, .....	4	3,779,288	+569,993	.....
1900, .....	4	3,861,004	+81,716	.....
1901, .....	4	3,559,424	—301,580	.....
1902, .....	4	4,585,274	+1,025,850	.....
1903, .....	4	4,194,708	—390,566	.....
1904, .....	4	4,340,468	+145,760	.....
1905, .....	4	4,456,209	+115,741	+1,144,220

## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## CARPET YARNS.

1896, .....	10	\$1,148,783	\$	\$
1897, .....	10	1,658,051	+509,268	.....
1898, .....	10	1,273,756	—384,295	.....
1899, .....	10	1,721,902	+448,146	.....
1900, .....	10	1,707,341	—14,561	.....
1901, .....	10	1,756,285	+48,944	.....
1902, .....	10	1,969,976	+213,691	.....
1903, .....	10	1,947,871	—22,105	.....
1904, .....	10	2,070,765	+122,894	.....
1905, .....	10	2,047,474	—23,291	—898,691

## COTTON YARNS.

1896, .....	6	1,078,630	.....	.....
1897, .....	6	1,082,331	+3,701	.....
1898, .....	6	1,178,486	+96,155	.....
1899, .....	6	1,247,347	+68,861	.....
1900, .....	6	1,503,971	+256,624	.....
1901, .....	6	1,238,865	—265,106	.....
1902, .....	6	1,238,560	—305	.....
1903, .....	6	1,422,619	+181,059	.....
1904, .....	6	1,320,711	—101,908	.....
1905, .....	6	1,572,736	+252,025	+494,106

## WORSTED, WOOLEN AND COTTON YARNS.

1896, .....	8	1,798,409	.....	.....
1897, .....	8	2,493,449	+695,040	.....
1898, .....	8	2,214,168	—279,281	.....
1899, .....	8	3,215,295	+1,001,127	.....
1900, .....	8	3,580,329	+365,034	.....
1901, .....	8	3,291,582	—288,747	.....
1902, .....	8	4,275,953	+984,371	.....
1903, .....	8	3,716,498	—559,455	.....
1904, .....	8	3,435,868	—280,630	.....
1905, .....	8	4,820,562	+1,389,694	+3,027,153

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WOOLEN BLANKETS, FLANNELS, ETC.

1896, .....	5	\$1,282,412	\$	\$
1897, .....	5	1,221,499	—60,913	.....
1898, .....	5	2,107,398	+885,899	.....
1899, .....	5	1,633,499	—473,899	.....
1900, .....	5	1,676,132	+42,633	.....
1901, .....	5	1,670,231	—5,901	.....
1902, .....	5	1,892,901	+222,670	.....
1903, .....	5	2,023,918	+131,017	.....
1904, .....	5	2,600,039	+576,121	.....
1905, .....	5	2,661,240	+61,201	+1,378,828

LACE GOODS.

1896, .....	3	909,289	.....	.....
1897, .....	3	1,086,945	+177,656	.....
1898, .....	3	1,219,698	+132,753	.....
1899, .....	3	1,307,879	+88,181	.....
1900, .....	3	1,337,964	+30,085	.....
1901, .....	3	1,432,392	+94,428	.....
1902, .....	3	1,680,672	+248,280	.....
1903, .....	3	1,818,714	+138,042	.....
1904, .....	3	1,860,533	+41,819	.....
1905, .....	3	1,627,910	—232,623	+718,621

CHENILLE GOODS.

1896, .....	2	402,176	.....	.....
1897, .....	2	468,050	+65,874	.....
1898, .....	2	498,280	+30,230	.....
1899, .....	2	539,530	+41,250	.....
1900, .....	2	602,807	+63,277	.....
1901, .....	2	648,144	+45,337	.....
1902, .....	2	741,347	+93,203	.....
1903, .....	2	797,014	+55,667	.....
1904, .....	2	849,773	+52,759	.....
1905, .....	2	1,478,546	+628,773	+1,076,370

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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UPHOLSTERY GOODS.

1896, .....	7	\$1,687,495	\$	\$
1897, .....	7	1,890,931	+203,436	.....
1898, .....	7	2,103,904	+212,973	.....
1899, .....	7	2,428,710	+324,806	.....
1900, .....	7	2,194,524	—234,186	.....
1901, .....	7	2,335,000	+140,476	.....
1902, .....	7	2,941,585	+606,585	.....
1903, .....	7	2,746,078	—195,507	.....
1904, .....	7	2,178,788	—567,290	.....
1905, .....	7	2,803,263	+624,475	+1,115,768

KNIT GOODS, UNDERWEAR.

1896, .....	13	2,978,552	.....	.....
1897, .....	13	<b>3,338,148</b>	<b>+359,596</b>	.....
1898, .....	13	<b>3,493,026</b>	<b>+154,838</b>	.....
1899, .....	13	<b>3,851,935</b>	<b>+358,899</b>	.....
1900, .....	13	4,330,995	+479,060	.....
1901, .....	13	3,950,409	—380,586	.....
1902, .....	13	3,968,202	+17,793	.....
1903, .....	13	4,212,338	+244,136	.....
1904, .....	13	3,253,630	—958,708	.....
1905, .....	13	3,243,981	—19,649	+265,429

HOSIERY.

1896, .....	31	3,744,935	.....	.....
1897, .....	31	<b>4,518,589</b>	<b>+773,654</b>	.....
1898, .....	31	4,880,155	<b>+361,566</b>	.....
1899, .....	31	<b>5,239,702</b>	<b>+359,547</b>	.....
1900, .....	31	<b>5,816,615</b>	<b>+576,913</b>	.....
1901, .....	31	6,082,610	+265,995	.....
1902, .....	31	6,447,718	+365,108	.....
1903, .....	31	6,724,058	+276,340	.....
1904, .....	31	6,751,616	+27,558	.....
1905, .....	31	7,459,770	+708,154	+3,714,835



## VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.</b>				
1896, .....	5	\$3,288,568	\$	\$
1897, .....	5	4,705,925	+417,357	.....
1898, .....	5	5,418,662	+712,737	.....
1899, .....	5	6,786,912	+1,368,250	.....
1900, .....	5	6,205,109	—581,803	.....
1901, .....	5	5,615,619	—589,490	.....
1902, .....	5	7,842,831	+2,227,212	.....
1903, .....	5	7,995,444	+152,613	.....
1904, .....	5	7,631,286	—364,158	.....
1905, .....	5	8,555,609	+924,323	+5,267,041
<b>SILK—BROAD GOODS AND RIB- BONS.</b>				
1896, .....	2	1,450,181	.....	.....
1897, .....	2	2,371,966	+921,785	.....
1898, .....	2	2,898,933	+526,967	.....
1899, .....	2	3,112,400	+213,467	.....
1900, .....	2	2,784,047	—328,353	.....
1901, .....	2	3,207,575	+423,528	.....
1902, .....	2	3,703,873	+496,298	.....
1903, .....	2	3,490,663	—213,210	.....
1904, .....	2	3,328,962	—161,701	.....
1905, .....	2	3,477,234	+148,272	+2,027,053
<b>SILK—RIBBONS.</b>				
1896, .....	3	534 384	.....	.....
1897, .....	3	660,111	+125,727	.....
1898, .....	3	762,606	+102,495	.....
1899, .....	3	735,151	—27,455	.....
1900, .....	3	837,841	+102,690	.....
1901, .....	3	1,073,259	+235,418	.....
1902, .....	3	1,701,010	+627,751	.....
1903, .....	3	1,930,981	+229,971	.....
1904, .....	3	1,953,611	+22,630	.....
1905, .....	3	2,027,757	+74,146	+1,493,373

## VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the value of average annual product per employee by the same establishments for the year 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are considered.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
TOOL STEEL.				
1896, .....	3	\$2,711 26	\$	\$
1897, .....	3	1,698 30	—1,012 96	.....
1898, .....	3	2,079 74	+381 44	.....
1899, .....	3	2,294 16	+214 42	.....
1900, .....	3	3,305 61	+1,011 45	.....
1901, .....	3	3,976 63	+671 02	.....
1902, .....	3	4,310 47	+333 84	.....
1903, .....	3	2,956 72	—1,353 75	.....
1904, .....	3	3,324 19	+367 47	.....
1905, .....	3	4,784 57	+1,460 38	+2,073 31
IRON AND STEEL FORGINGS.				
1896, .....	5	1,587 21	.....	.....
1897, .....	5	1,433 91	—153 30	.....
1898, .....	5	1,576 35	+142 44	.....
1899, .....	5	2,058 47	+482 12	.....
1900, .....	5	2,011 46	—47 01	.....
1901, .....	5	1,540 71	—470 75	.....
1902, .....	5	1,687 97	+147 26	.....
1903, .....	5	1,758 71	+70 74	.....
1904, .....	5	2,181 42	+422 71	.....
1905, .....	5	2,396 31	+214 89	+809 10
MALLEABLE IRON.				
1896, .....	4	1,227 37	.....	.....
1897, .....	4	1,159 02	—68 35	.....
1898, .....	4	1,395 31	+236 29	.....
1899, .....	4	1,533 17	+137 86	.....
1900, .....	4	1,487 38	—45 79	.....
1901, .....	4	1,139 57	—356 81	.....
1902, .....	4	1,270 28	+139 71	.....
1903, .....	4	1,386 56	+116 28	.....
1904, .....	4	1,185 58	+99 02	.....
1905, .....	4	1,513 14	+27 56	+285 77

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE-- Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
BOLTS, NUTS, ETC.				
1896, .....	7	\$1,457 15	\$	\$
1897, .....	7	1,326 36	—130 79	.....
1898, .....	7	1,453 81	+127 45	.....
1899, .....	7	2,040 83	+587 02	.....
1900, .....	7	2,221 71	+180 88	.....
1901, .....	7	1,647 15	—574 56	.....
1902, .....	7	1,921 67	+274 52	.....
1903, .....	7	1,943 48	+21 81	.....
1904, .....	7	1,408 14	—535 34	.....
1905, .....	7	1,900 31	+492 17	+443 16
WIRE NAILS, RIVETS, ETC.				
1896, .....	3	3,091 70	.....	.....
1897, .....	3	2,616 44	—475 26,	.....
1898, .....	3	2,951 51	+335 07	.....
1899, .....	3	3,630 02	+678 51	.....
1900, .....	3	3,785 19	+155 17	.....
1901, .....	3	3,120 06	—665 13	.....
1902, .....	3	2,654 98	—466 08	.....
1903, .....	3	3,138 85	+483 87	.....
1904, .....	3	3,197 84	+58 99	.....
1905, .....	3	3,338 49	+140 65	+246 79
TACKS AND SMALL NAILS.				
1896, .....	3	1,027 06	.....	.....
1897, .....	3	934 63	—92 43	.....
1898, .....	3	1,614 35	+679 72	.....
1899, .....	3	1,317 07	—97 28	.....
1900, .....	3	1,420 78	+103 71	.....
1901, .....	3	1,527 48	+106 70	.....
1902, .....	3	1,613 90	+86 42	.....
1903, .....	3	1,485 11	—128 79	.....
1904, .....	3	1,483 86	—1 25	.....
1905, .....	3	1,496 33	+12 47	+469 27

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease(—) as compared with the preceding year.	Increase(+) or decrease(—) 1905 as compared with 1896.
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WIRE.

1896, .....	4	\$2,630 76	\$	\$
1897, .....	4	2,160 29	—470 47	.....
1898, .....	4	2,288 10	+127 81	.....
1899, .....	4	2,053 45	—234 65	.....
1900, .....	4	1,788 56	—264 89	.....
1901, .....	4	1,785 36	—3 20	.....
1902, .....	4	1,680 03	—105 33	.....
1903, .....	4	1,820 62	+140 59	.....
1904, .....	4	1,624 28	—196 34	.....
1905, .....	4	1,938 93	+314 65	—691 83

WIRE ROPE.

1896, .....	2	3,892 43	.....	.....
1897, .....	2	3,591 52	—300 91	.....
1898, .....	2	3,449 82	—141 70	.....
1899, .....	2	4,185 85	+736 03	.....
1900, .....	2	4,302 00	+116 15	.....
1901, .....	2	4,310 23	+8 23	.....
1902, .....	2	3,995 41	—314 82	.....
1903, .....	2	4,019 58	+24 17	.....
1904, .....	2	3,523 67	—495 91	.....
1905, .....	2	3,848 77	+325 10	—43 66

WIRE GOODS.

1896, .....	5	1,118 66	.....	.....
1897, .....	5	1,206 10	+87 44	.....
1898, .....	5	1,419 16	+213 06	.....
1899, .....	5	1,541 11	+121 95	.....
1900, .....	5	1,647 49	+106 38	.....
1901, .....	5	1,555 36	—92 13	.....
1902, .....	5	1,655 35	+99 99	.....
1903, .....	5	1,538 17	—117 18	.....
1904, .....	5	1 613 61	+75 44	.....
1905, .....	5	1,539 39	—74 22	+420 73

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WAGON AND CARRIAGE AXLES AND SPRINGS.

1896, .....	4	\$1,613 78	\$	\$
1897, .....	4	1,634 87	+21 09	.....
1898, .....	4	1,651 64	+16 77	.....
1899, .....	4	1,892 44	+240 80	.....
1900, .....	4	1,589 96	—302 48	.....
1901, .....	4	1,444 16	—145 80	.....
1902, .....	4	1,496 73	+52 57	.....
1903, .....	4	1,488 56	—8 17	.....
1904, .....	4	1,551 65	+63 09	.....
1905, .....	4	1,512 79	—38 86	—100 99

## SCALES.

1896, .....	3	2,159 10	.....	.....
1897, .....	3	2,161 19	+2 09	.....
1898, .....	3	2,246 24	+85 05	.....
1899, .....	3	2,258 77	+12 53	.....
1900, .....	3	2,197 68	—61 09	.....
1901, .....	3	2,273 54	+75 86	.....
1902, .....	3	2,322 60	+49 06	.....
1903, .....	3	2,332 08	+9 48	.....
1904, .....	3	2,773 01	+440 93	.....
1905, .....	3	2,432 44	—340 57	+273 34

## STOVES, RANGES, HEATERS, ETC.

1896, .....	28	1,193 88	.....	.....
1897, .....	28	1,179 89	—13 99	.....
1898, .....	28	1,166 33	—13 56	.....
1899, .....	28	1,370 26	+203 93	.....
1900, .....	28	1,433 55	+63 29	.....
1901, .....	28	1,342 90	—90 65	.....
1902, .....	28	1,420 30	+77 40	.....
1903, .....	28	1,538 20	+117 90	.....
1904, .....	28	1,519 49	—18 71	.....
1905, .....	28	1,554 44	+34 95	+360 56



# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BATH BOILERS, TANKS, ETC.

1896, .....	2	\$2,353 31	\$	\$
1897, .....	2	2,274 97	—78 34	.....
1898, .....	2	1,940 69	—334 28	.....
1899, .....	2	1,993 13	+52 44	.....
1900, .....	2	2,174 71	+181 58	.....
1901, .....	2	2,180 86	+6 15	.....
1902, .....	2	2,441 55	+260 69	.....
1903, .....	2	2,364 26	—77 29	.....
1904, .....	2	2,613 98	+249 72	.....
1905, .....	2	3,121 93	+507 95	+768 62

## HARDWARE SPECIALTIES.

1896, .....	12	972 32	.....	.....
1897, .....	12	1,034 79	+62 47	.....
1898, .....	12	993 04	—41 75	.....
1899, .....	12	1,173 14	+180 10	.....
1900, .....	12	1,076 36	—96 78	.....
1901, .....	12	1,171 94	+95 58	.....
1902, .....	12	1,207 32	+35 38	.....
1903, .....	12	1,369 40	+162 08	.....
1904, .....	12	1,209 67	—159 73	.....
1905, .....	12	1,368 74	+159 07	+396 42

## EDGE TOOLS.

1896, .....	12	1,324 04	.....	.....
1897, .....	12	945 38	—378 66	.....
1898, .....	12	1,217 76	+272 38	.....
1899, .....	12	1,368 65	+150 89	.....
1900, .....	12	1,502 71	+134 06	.....
1901, .....	12	1,357 20	—145 51	.....
1902, .....	12	1,547 93	+190 73	.....
1903, .....	12	1,398 24	—149 69	.....
1904, .....	12	1,468 28	+70 04	.....
1905, .....	12	1,667 75	+199 47	+343 71

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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WRENCHES, PICKS, ETC.

1896, .....	5	\$1,463 93	\$	\$
1897, .....	5	1,576 94	+113 01	.....
1898, .....	5	1,816 39	+239 45	.....
1899, .....	5	2,010 26	+193 87	.....
1900, .....	5	1,789 08	—221 18	.....
1901, .....	5	1,997 45	+208 37	.....
1902, .....	5	2,094 38	+96 93	.....
1903, .....	5	2,182 26	+87 88	.....
1904, .....	5	1,815 01	—367 25	.....
1905, .....	5	2,113 68	+298 67	+649 75

LOCOMOTIVES AND CARS  
BUILT AND REPAIRED.

1896, .....	3	1,116 72	.....	.....
1897, .....	3	1,138 02	+21 30	.....
1898, .....	3	1,341 22	+203 20	.....
1899, .....	2	1,505 69	+164 47	.....
1900, .....	3	1,559 32	+53 63	.....
1901, .....	3	1,550 10	—9 22	.....
1902, .....	3	1,423 84	—126 26	.....
1903, .....	3	1,368 59	—55 25	.....
1904, .....	3	1,524 99	+156 40	.....
1905, .....	3	1,649 85	+124 86	+533 13

WROUGHT IRON PIPE AND  
TUBES.

1896, .....	5	2,236 56	.....	.....
1897, .....	5	2,219 49	—17 07	.....
1898, .....	5	2,556 27	+336 78	.....
1899, .....	5	2,988 46	+432 19	.....
1900, .....	5	3,937 82	+949 36	.....
1901, .....	5	4,165 12	+227 30	.....
1902, .....	5	4,614 87	+449 75	.....
1903, .....	5	3,962 73	—652 14	.....
1904, .....	5	3,329 68	—633 05	.....
1905, .....	5	3,496 68	+167 00	+1,260 12

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## CAST IRON PIPE.

1896, .....	3	\$1,701 48	\$	\$
1897, .....	3	1,925 59	+224 11	.....
1898, .....	3	1,828 79	—96 80	.....
1899, .....	3	1,825 41	—3 38	.....
1900, .....	3	2,189 73	+364 32	.....
1901, .....	3	2,383 22	+193 49	.....
1902, .....	3	2,564 00	+180 78	.....
1903, .....	3	1,838 94	—625 06	.....
1904, .....	3	2,050 24	+211 30	.....
1905, .....	3	2,293 58	+243 34	+592 10

## BRASS, COPPER AND BRONZE GOODS.

1896, .....	18	1,847 67	.....	.....
1897, .....	18	1,706 88	—140 79	.....
1898, .....	18	1,833 48	+126 60	.....
1899, .....	18	2,383 33	+549 85	.....
1900, .....	18	2,228 53	—154 80	.....
1901, .....	18	2,333 93	+105 40	.....
1902, .....	18	2,464 64	+130 71	.....
1903, .....	18	2,412 01	—52 63	.....
1904, .....	18	2,163 75	—248 26	.....
1905, .....	18	2,983 97	+820 22	+1,136 30

## IRON AND STEEL BRIDGES.

1896, .....	7	2,933 39	.....	.....
1897, .....	7	2,646 87	—286 52	.....
1898, .....	7	2,612 24	—34 63	.....
1899, .....	7	3,032 80	+420 56	.....
1900, .....	7	3,873 45	+840 65	.....
1901, .....	7	3,098 51	—774 94	.....
1902, .....	7	3,513 61	+415 10	.....
1903, .....	7	3,599 38	+85 77	.....
1904, .....	7	3,438 40	—160 98	.....
1905, .....	7	3,421 36	—17 04	+487 97

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## LOCOMOTIVES, STATIONARY ENGINES, ETC.

1896, .....	9	\$1,573 66	\$	\$
1897, .....	9	1,509 67	—63 99	.....
1898, .....	9	1,614 48	+104 81	.....
1899, .....	9	1,788 20	+173 72	.....
1900, .....	9	2,049 49	+261 29	.....
1901, .....	9	2,037 49	—12 00	.....
1902, .....	9	2,099 86	+62 37	.....
1903, .....	9	2,212 99	+113 13	.....
1904, .....	9	1,845 54	—367 45	.....
1905, .....	9	2,340 81	+495 27	+767 15

## ENGINES, BOILERS, ETC.

1896, .....	9	1,710 58	.....	.....
1897, .....	9	1,634 61	—75 97	.....
1898, .....	9	1,656 38	+21 77	.....
1899, .....	9	2,191 88	+535 50	.....
1900, .....	9	2,182 19	—9 69	.....
1901, .....	9	2,061 15	—121 04	.....
1902, .....	9	2,239 82	+178 67	.....
1903, .....	9	2,055 55	—184 27	.....
1904, .....	9	1,923 45	—132 10	.....
1905, .....	9	2,072 80	+149 35	+362 22

## CAR SPRINGS, AXLES AND RAILWAY SUPPLIES.

1896, .....	9	1,771 73	.....	.....
1897, .....	9	1,630 57	—141 16	.....
1898, .....	9	2,393 82	+763 25	.....
1899, .....	9	2,761 37	+367 55	.....
1900, .....	9	3,165 47	+404 10	.....
1901, .....	9	2,809 70	—355 77	.....
1902, .....	9	3,914 81	+1,105 11	.....
1903, .....	9	3,897 03	—17 78	.....
1904, .....	9	2,115 65	—1,781 38	.....
1905, .....	9	2,877 65	+762 00	+1,105 92

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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IRON VESSELS AND ENGINES.

1896, .....	3	\$1,234 24	\$	\$
1897, .....	3	1,331 14	+96 90	.....
1898, .....	3	1,232 34	—98 80	.....
1899, .....	3	1,481 22	+248 88	.....
1900, .....	3	1,806 65	+325 43	.....
1901, .....	3	1,694 24	—112 41	.....
1902, .....	3	1,883 98	+189 74	.....
1903, .....	3	2,185 35	+301 37	.....
1904, .....	3	1,799 64	—385 71	.....
1905, .....	3	1,732 51	—67 13	+498 27

BOILERS, TANKS, STACKS, ETC.

1896, .....	20	1,740 82	.....	.....
1897, .....	20	1,771 89	+31 07	.....
1898, .....	20	1,838 90	+67 01	.....
1899, .....	20	2,116 41	+277 51	.....
1900, .....	20	2,213 79	+97 38	.....
1901, .....	20	2,354 63	+140 84	.....
1902, .....	20	2,242 53	—112 10	.....
1903, .....	20	2,321 52	+78 99	.....
1904, .....	20	2,212 85	—108 67	.....
1905, .....	20	1,774 21	—438 64	+33 39

MACHINERY.

1896, .....	18	1,435 61	.....	.....
1897, .....	18	1,409 33	—26 28	.....
1898, .....	18	1,460 93	+51 60	.....
1899, .....	18	1,325 43	—135 50	.....
1900, .....	18	1,650 72	+325 29	.....
1901, .....	18	1,654 95	+4 23	.....
1902, .....	18	1,742 05	+87 10	.....
1903, .....	18	1,818 39	+76 34	.....
1904, .....	18	1,724 29	—94 10	.....
1905, .....	18	2,043 12	+318 83	+607 51



# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## FOUNDRIES AND MACHINE SHOPS.

1896, .....	24	\$1,250 04	\$	\$
1897, .....	24	1,432 09	+182 05	.....
1898, .....	24	1,480 15	+48 06	.....
1899, .....	24	1,683 20	+203 05	.....
1900, .....	24	1,838 83	+155 63	.....
1901, .....	24	1,655 56	—183 27	.....
1902, .....	24	1,823 14	+167 58	.....
1903, .....	24	1,820 87	—2 27	.....
1904, .....	24	1,834 14	+13 27	.....
1905, .....	24	2,020 19	+186 05	+770 15

## FILES, ETC.

1896, .....	2	970 46	.....	.....
1897, .....	2	952 40	—18 06	.....
1898, .....	2	1,085 27	+132 87	.....
1899, .....	2	1,159 81	+74 54	.....
1900, .....	2	1,131 23	—28 58	.....
1901, .....	2	1,420 09	+288 86	.....
1902, .....	2	1,474 50	+54 41	.....
1903, .....	2	1,491 78	+17 28	.....
1904, .....	2	1,319 23	—172 55	.....
1905, .....	2	1,372 01	+52 78	+401 55

## SAWS.

1896, .....	3	1,574 75	.....	.....
1897, .....	3	1,428 75	—146 00	.....
1898, .....	3	1,624 21	+195 46	.....
1899, .....	3	1,779 23	+155 02	.....
1900, .....	3	2,359 02	+579 79	.....
1901, .....	3	2,253 09	—105 93	.....
1902, .....	3	2,390 42	+137 33	.....
1903, .....	3	2,164 42	—226 00	.....
1904, .....	3	2,095 69	—68 73	.....
1905, .....	3	1,977 02	—118 67	+402 27

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PLUMBER SUPPLIES.

1896, .....	3	\$1,122 92	\$	\$
1897, .....	3	1,044 52	—78 40	.....
1898, .....	3	1,136 85	+92 33	.....
1899, .....	3	1,373 48	+236 63	.....
1900, .....	3	1,241 87	—131 61	.....
1901, .....	3	1,318 19	+76 32	.....
1902, .....	3	1,449 36	+131 17	.....
1903, .....	3	1,515 46	+66 10	.....
1904, .....	3	1,446 93	—68 53	.....
1905, .....	3	1,475 85	+28 92	+352 93

## ELECTRICAL SUPPLIES.

1896, .....	2	1,444 03	.....	.....
1897, .....	2	1,620 82	+176 79	.....
1898, .....	2	1,966 05	+345 23	.....
1899, .....	2	2,222 62	+256 57	.....
1900, .....	2	2,500 16	+277 54	.....
1901, .....	2	2,267 57	—232 59	.....
1902, .....	2	2,270 92	+3 35	.....
1903, .....	2	2,164 70	—106 22	.....
1904, .....	2	2,328 14	+163 44	.....
1905, .....	2	1,952 11	—376 03	+508 08

## SHOVELS, SPADES, SCOOPS, ETC.

1896, .....	8	1,492 80	.....	.....
1897, .....	8	1,571 52	+78 72	.....
1898, .....	8	1,888 85	+317 33	.....
1899, .....	8	2,653 55	+764 70	.....
1900, .....	8	2,133 03	—520 52	.....
1901, .....	8	2,723 76	+590 73	.....
1902, .....	8	2,629 50	—94 26	.....
1903, .....	8	2,368 77	—260 73	.....
1904, .....	8	2,000 36	—368 41	.....
1905, .....	8	2,160 28	+159 92	+667 48

14—9—1905.

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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SAFES AND VAULT DOORS.

1896, .....	2	1,183 95	.....	.....
1897, .....	2	1,259 81	+75 86	.....
1898, .....	2	1,265 17	+5 36	.....
1899, .....	2	1,306 44	+41 27	.....
1900, .....	2	1,432 10	+125 66	.....
1901, .....	2	1,489 00	+56 90	.....
1902, .....	2	1,500 10	+11 10	.....
1903, .....	2	1,530 40	+30 30	.....
1904, .....	2	1,872 04	+341 64	.....
1905, .....	2	1,573 72	—298 32	+389 77

METAL AND METALLIC GOODS.

1896, .....	3	834 99	.....	.....
1897, .....	3	889 37	+54 38	.....
1898, .....	3	922 20	+32 83	.....
1899, .....	3	1,118 88	+196 68	.....
1900, .....	3	1,127 85	+8 97	.....
1901, .....	3	1,368 75	+240 90	.....
1902, .....	3	1,244 69	—124 06	.....
1903, .....	3	1,269 52	+24 83	.....
1904, .....	3	1,094 95	—174 57	.....
1905, .....	3	830 97	—263 98	—4 02

BUILDING AND STRUCTURAL  
IRON WORK.

1896, .....	2	1,589 30	.....	.....
1897, .....	2	1,887 14	+297 84	.....
1898, .....	2	2,446 66	+559 52	.....
1899, .....	2	1,739 98	—706 68	.....
1900, .....	2	2,725 17	+985 19	.....
1901, .....	2	2,801 16	+75 99	.....
1902, .....	2	2,361 04	—440 12	.....
1903, .....	2	3,290 24	+929 20	.....
1904, .....	2	3,662 16	+371 92	.....
1905, .....	2	3,634 34	—27 82	+2,045 04

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1905 as compared with 1896.
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IRON CHAINS.

1896, .....	5	\$1,433 15	\$	\$
1897, .....	5	1,456 06	+22 91	.....
1898, .....	5	1,521 58	+65 52	.....
1899, .....	5	1,953 54	+431 96	.....
1900, .....	5	1,925 95	—27 59	.....
1901, .....	5	1,948 59	+22 64	.....
1902, .....	5	1,729 10	—219 49	.....
1903, .....	5	1,819 79	+90 69	.....
1904, .....	5	1,623 86	—195 93	.....
1905, .....	5	1,834 38	+210 52	+401 23

IRON FENCES AND RAILINGS.

1896, .....	7	1,512 67	.....	.....
1897, .....	7	1,456 41	—56 26	.....
1898, .....	7	1,484 60	+28 19	.....
1899, .....	7	1,680 63	+196 03	.....
1900, .....	7	1,557 42	—123 21	.....
1901, .....	7	1,722 80	+165 38	.....
1902, .....	7	1,806 58	+83 78	.....
1903, .....	7	2,049 12	+242 54	.....
1904, .....	7	1,933 73	—115 39	.....
1905, .....	7	1,940 63	+6 90	+427 96

AGRICULTURAL IMPLEMENTS.

1896, .....	10	1,769 14	.....	.....
1897, .....	10	1,862 04	+101 90	.....
1898, .....	10	1,913 03	+50 99	.....
1899, .....	10	2,016 50	+103 47	.....
1900, .....	10	2,016 43	—07	.....
1901, .....	10	2,102 84	+146 41	.....
1902, .....	10	2,126 76	—36 03	.....
1903, .....	10	2,295 58	+168 82	.....
1904, .....	10	2,114 47	—181 11	.....
1905, .....	10	2,324 93	+210 46	+564 79

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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STEAM PUMPS.

1896, .....	2	\$2,183 31	\$	\$
1897, .....	2	1,782 06	—401 25	.....
1898, .....	2	2,076 23	+294 17	.....
1899, .....	2	1,829 84	—246 39	.....
1900, .....	2	2,406 76	+576 92	.....
1901, .....	2	1,781 25	—625 51	.....
1902, .....	2	2,005 85	+224 60	.....
1903, .....	2	2,413 54	+407 69	.....
1904, .....	2	1,718 69	—694 85	.....
1905, .....	2	2,153 11	+434 42	+30 20

PIANOS AND ORGANS.

1896, .....	2	1,179 09	.....	.....
1897, .....	2	1,241 54	+62 45	.....
1898, .....	2	1,441 80	+200 26	.....
1899, .....	2	1,701 70	+259 90	.....
1900, .....	2	1,408 36	—293 34	.....
1901, .....	2	1,318 35	—90 01	.....
1902, .....	2	1,217 26	—101 09	.....
1903, .....	2	1,196 68	—20 58	.....
1904, .....	2	1,331 33	+134 65	.....
1905, .....	2	1,190 68	—140 65	+11 59

TINWARE.

1896, .....	5	1,679 57	.....	.....
1897, .....	5	1,698 18	+18 61	.....
1898, .....	5	1,687 77	—10 41	.....
1899, .....	5	1,983 55	+295 78	.....
1900, .....	5	1,691 32	—292 23	.....
1901, .....	5	1,386 64	—304 93	.....
1902, .....	5	1,332 44	—54 20	.....
1903, .....	5	1,209 92	—122 52	.....
1904, .....	5	1,225 67	+15 75	.....
1905, .....	5	1,163 13	—62 54	—516 44



# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE-- Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PAPER MANUFACTORIES.

1896, .....	8	\$2,216 30	\$	\$
1897, .....	8	2,245 85	+29 55	.....
1898, .....	8	2,235 71	—10 14	.....
1899, .....	8	2,530 74	+295 03	.....
1900, .....	8	2,684 62	+153 88	.....
1901, .....	8	2,647 82	—36 80	.....
1902, .....	8	2,691 13	+43 31	.....
1903, .....	8	2,702 29	+11 16	.....
1904, .....	8	2,670 21	—32 08	.....
1905, .....	8	3,061 83	+391 62	+845 53

## WALL PAPER.

1896, .....	3	2,150 33	.....	.....
1897, .....	3	2,384 16	+233 83	.....
1898, .....	3	2,596 41	+212 25	.....
1899, .....	3	2,853 71	+257 30	.....
1900, .....	3	3,120 01	+266 30	.....
1901, .....	3	2,617 42	—502 59	.....
1902, .....	3	2,677 15	+59 73	.....
1903, .....	3	2,549 77	—127 38	.....
1904, .....	3	2,898 33	+348 56	.....
1905, .....	3	2,705 39	—192 94	+555 06

## CIGARS.

1896, .....	43	1,085 86	.....	.....
1897, .....	43	1,107 08	+21 22	.....
1898, .....	43	1,133 59	+26 51	.....
1899, .....	43	1,163 01	+29 42	.....
1900, .....	43	1,192 60	+29 59	.....
1901, .....	43	1,166 87	—25 73	.....
1902, .....	43	1,432 25	+265 38	.....
1903, .....	43	1,255 86	—176 39	.....
1904, .....	43	1,248 89	—6 97	.....
1905, .....	43	1,216 31	—32 58	+130 45

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOOK BINDING.

1896, .....	3	\$1,216 35	\$	\$
1897, .....	3	1,185 20	—31 15	.....
1898, .....	3	1,157 48	—27 72	.....
1899, .....	3	1,184 81	+27 33	.....
1900, .....	3	1,156 70	—28 11	.....
1901, .....	3	1,258 71	+102 01	.....
1902, .....	3	1,355 96	+97 25	.....
1903, .....	3	1,408 49	+52 53	.....
1904, .....	3	1,440 22	+31 73	.....
1905, .....	3	1,416 74	—23 48	+200 39

## CORDAGE ROPE AND TWINE.

1896, .....	5	2,324 81	.....	.....
1897, .....	5	2,224 31	—100 50	.....
1898, .....	5	2,366 24	+141 93	.....
1899, .....	5	2,838 46	+472 22	.....
1900, .....	5	3,068 67	+230 21	.....
1901, .....	5	3,246 03	+177 36	.....
1902, .....	5	3,259 42	+13 39	.....
1903, .....	5	3,303 53	+44 11	.....
1904, .....	5	3,293 34	—10 19	.....
1905, .....	5	3,230 82	—62 52	+906 01

## PAPER, PAPER BOXES, EN- VELOPES, ETC.

1896, .....	26	1,103 81	.....	.....
1897, .....	26	1,072 44	—31 37	.....
1898, .....	26	923 02	—49 42	.....
1899, .....	26	1,077 00	+153 98	.....
1900, .....	26	1,125 42	+48 42	.....
1901, .....	26	1,171 35	+45 93	.....
1902, .....	26	1,282 88	+111 53	.....
1903, .....	26	1,265 40	—17 48	.....
1904, .....	26	1,394 07	+128 67	.....
1905, .....	26	1,439 54	+45 47	+335 73

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903 AND 1904.

Character of Industry and Years.	Number of es- tablish- ments considered.	Average annual product per employee.	Increase(+) or decrease (-) as compared with the preceding year.	Increase (+) or decrease(-) 1905 as compared with 1896.
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## POTTERY.

1896, .....	2	\$1,415 97	\$	\$
1897, .....	2	1,325 29	—90 68	.....
1898, .....	2	1,479 25	+153 96	.....
1899, .....	2	1,507 74	+28 49	.....
1900, .....	2	1,349 54	—158 20	.....
1901, .....	2	1,439 00	+89 46	.....
1902, .....	2	1,294 62	—144 38	.....
1903, .....	2	1,297 24	+2 62	.....
1904, .....	2	1,668 48	+371 24	.....
1905, .....	2	1,667 06	—1 42	+241 09

## PAVING BRICK.

1896, .....	7	762 19	.....	.....
1897, .....	7	811 70	+49 51	.....
1898, .....	7	821 91	+10 21	.....
1899, .....	7	788 38	—33 53	.....
1900, .....	7	1,029 48	+241 10	.....
1901, .....	7	746 49	—282 99	.....
1902, .....	7	973 50	+227 01	.....
1903, .....	7	1,026 92	+53 42	.....
1904, .....	7	1,001 81	—25 11	.....
1905, .....	7	1,153 86	+152 05	+391 67

## BUILDING BRICK.

1896, .....	30	811 88	.....	.....
1897, .....	30	859 51	+47 63	.....
1898, .....	30	814 08	—45 43	.....
1899, .....	30	918 51	+104 43	.....
1900, .....	30	869 90	—48 61	.....
1901, .....	30	882 30	+12 40	.....
1902, .....	30	928 62	+46 32	.....
1903, .....	30	962 01	+33 39	.....
1904, .....	30	925 98	—36 03	.....
1905, .....	30	1,060 35	+134 37	+248 47

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
FIRE BRICK.				
1896, .....	17	\$877 90	\$	\$
1897, .....	17	814 35	—63 55	.....
1898, .....	17	823 12	+8 77	.....
1899, .....	17	843 70	+20 58	.....
1900, .....	17	931 33	+87 63	.....
1901, .....	17	850 71	—80 62	.....
1902, .....	17	1,013 57	+162 86	.....
1903, .....	17	1,017 66	+4 09	.....
1904, .....	17	1,270 10	+252 44	.....
1905, .....	17	1,352 47	+82 37	+474 57
SLATE ROOFING, ETC., TON- NAGE.				
1896, .....	6	470 33	.....	.....
1897, .....	6	621 59	+151 26	.....
1898, .....	6	705 64	+84 05	.....
1899, .....	6	703 48	—2 16	.....
1900, .....	6	681 17	—22 31	.....
1901, .....	6	803 75	+122 58	.....
1902, .....	6	790 31	+13 44	.....
1903, .....	6	835 48	+45 17	.....
1904, .....	6	629 41	—206 07	.....
1905, .....	6	679 38	+49 97	+209 05
SLATE ROOFING, ETC., SQUARES.				
1896, .....	14	470 79	.....	.....
1897, .....	14	536 52	+65 73	.....
1898, .....	14	403 72	—132 80	.....
1899, .....	14	599 62	+195 90	.....
1900, .....	14	569 70	—29 92	.....
1901, .....	14	612 95	+43 25	.....
1902, .....	14	657 36	+44 41	.....
1903, .....	14	740 21	+82 85	.....
1904, .....	14	667 26	—72 95	.....
1905, .....	14	674 17	+6 91	+303 38

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## WINDOW GLASS, BOTTLES AND TABLE GOODS.

1896, .....	20	\$847 55	\$	\$
1897, .....	20	943 04	+95 49	.....
1898, .....	20	998 53	+55 49	.....
1899, .....	20	1,078 27	+79 74	.....
1900, .....	20	1,022 22	-56 05	.....
1901, .....	20	993 65	-28 57	.....
1902, .....	20	1,011 40	+17 75	.....
1903, .....	20	992 32	-19 08	.....
1904, .....	20	1,035 97	+43 65	.....
1905, .....	20	1,003 56	-32 41	+156 01

## GLAZED AND CHROME KID.

1896, .....	7	2,954 00	.....	.....
1897, .....	7	3,271 67	+317 67	.....
1898, .....	7	3,338 87	+67 20	.....
1899, .....	7	3,554 29	+215 42	.....
1900, .....	7	3,392 54	-161 75	.....
1901, .....	7	4,048 71	+656 17	.....
1902, .....	7	4,135 01	+86 30	.....
1903, .....	7	3,476 85	-658 16	.....
1904, .....	7	3,780 63	+303 78	.....
1905, .....	7	4,532 05	+751 42	+1,578 05

## MEN'S, WOMEN'S, MISSES AND CHILDREN'S SHOES.

1896, .....	13	1,425 37	.....	.....
1897, .....	13	1,457 36	+31 99	.....
1898, .....	13	1,493 02	+35 66	.....
1899, .....	13	1,560 14	+67 12	.....
1900, .....	13	1,566 92	+6 78	.....
1901, .....	13	1,607 56	+40 64	.....
1902, .....	13	1,650 98	+43 42	.....
1903, .....	13	1,684 23	+33 25	.....
1904, .....	13	1,695 08	+10 85	.....
1905, .....	13	1,795 43	+100 35	+370 06



# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## SUSPENDERS.

1896, .....	2	\$2,900 91	\$	\$
1897, .....	2	2,909 17	+8 26	.....
1898, .....	2	3,082 68	+173 51	.....
1899, .....	2	2,983 02	-99 66	.....
1900, .....	2	2,943 40	-39 62	.....
1901, .....	2	3,540 40	+597 00	.....
1902, .....	2	3,739 60	+199 20	.....
1903, .....	2	4,057 80	+318 20	.....
1904, .....	2	3,777 16	-280 64	.....
1905, .....	2	4,043 03	+265 87	+1,142 12

## HATS AND CAPS.

1896, .....	3	1,285 10	.....	.....
1897, .....	3	1,599 30	+314 20	.....
1898, .....	3	1,316 34	-282 96	.....
1899, .....	3	1,248 02	-68 32	.....
1900, .....	3	1,468 92	+220 90	.....
1901, .....	3	1,514 69	+45 77	.....
1902, .....	3	1,523 39	+8 70	.....
1903, .....	3	1,533 36	+9 97	.....
1904, .....	3	1,340 55	-192 81	.....
1905, .....	3	1,741 64	+401 09	+456 54

## FUR AND FELT HATS.

1896, .....	4	1,503 45	.....	.....
1897, .....	4	1,487 22	-16 23	.....
1898, .....	4	1,377 16	-110 06	.....
1899, .....	4	1,431 11	+53 95	.....
1900, .....	4	1,478 90	+47 79	.....
1901, .....	4	1,434 34	-44 56	.....
1902, .....	4	1,361 26	+73 08	.....
1903, .....	4	1,393 30	+32 04	.....
1904, .....	4	1,496 68	+103 38	.....
1905, .....	4	1,470 96	-25 72	-32 49

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease(—) 1905 as compared with 1896.
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WOOL HATS.

1896, .....	6	\$1,299 12	\$	\$
1897, .....	6	1,492 24	+193 12	.....
1898, .....	6	1,345 19	—147 05	.....
1899, .....	6	1,427 56	+82 37	.....
1900, .....	6	1,671 15	+243 59	.....
1901, .....	6	1,458 37	—212 78	.....
1902, .....	6	1,488 87	+30 50	.....
1903, .....	6	1,449 09	—39 73	.....
1904, .....	6	1,384 62	—64 47	.....
1905, .....	6	1,462 49	+77 87	+163 37

UMBRELLAS AND PARASOLS.

1896, .....	4	1,884 53	.....	.....
1897, .....	4	2,062 10	+177 57	.....
1898, .....	4	2,289 85	+227 75	.....
1899, .....	4	2,318 43	+28 58	.....
1900, .....	4	2,241 55	—76 88	.....
1901, .....	4	2,382 46	+140 91	.....
1902, .....	1	1,947 71	—434 75	.....
1903, .....	4	2,469 42	+521 71	.....
1904, .....	4	2,111 67	—357 75	.....
1905, .....	4	2,429 67	+318 00	+545 14

DRESS TRIMMINGS, BRAIDS,  
ETC.

1896, .....	8	1,103 71	.....	.....
1897, .....	8	1,056 49	—47 22	.....
1898, .....	8	1,107 11	+50 62	.....
1899, .....	8	1,184 88	+77 77	.....
1900, .....	8	1,258 42	+73 54	.....
1901, .....	8	1,218 89	—39 53	.....
1902, .....	8	1,219 93	+1 04	.....
1903, .....	8	1,311 01	+91 08	.....
1904, .....	8	1,435 77	+124 76	.....
1905, .....	8	1,506 45	+70 68	+402 74

## VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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### SHIRTS AND SHIRT WAISTS.

1896, .....	8	\$1,201 49	\$	\$
1897, .....	8	1,101 89	—99 60	.....
1898, .....	8	1,130 55	+28 66	.....
1899, .....	8	1,183 01	+52 46	.....
1900, .....	8	1,234 52	+51 51	.....
1901, .....	8	1,222 91	—11 61	.....
1902, .....	8	1,288 26	+65 35	.....
1903, .....	8	1,280 21	—8 05	.....
1904, .....	8	1,238 90	—41 31	.....
1905, .....	8	1,431 63	+192 73	+230 14

### NECKWEAR.

1896, .....	3	2,009 18	.....	.....
1897, .....	3	2,033 83	+24 65	.....
1898, .....	3	2,052 95	+19 12	.....
1899, .....	3	2,244 72	+191 77	.....
1900, .....	3	2,192 02	—52 70	.....
1901, .....	3	1,987 31	—204 71	.....
1902, .....	3	1,802 79	—184 52	.....
1903, .....	3	2,108 45	+305 66	.....
1904, .....	3	2,111 54	+3 09	.....
1905, .....	3	2,145 53	+33 99	+136 35

### COTTON AND WOOLEN CLOTHS.

1896, .....	19	1,213 92	.....	.....
1897, .....	19	1,348 29	+134 37	.....
1898, .....	19	1,363 45	+15 16	.....
1899, .....	19	1,515 62	+152 17	.....
1900, .....	19	1,366 70	—148 92	.....
1901, .....	19	1,460 37	+93 67	.....
1902, .....	19	1,572 75	+112 38	.....
1903, .....	19	1,444 49	—128 26	.....
1904, .....	19	1,493 11	+48 62	.....
1905, .....	19	1,719 27	+226 16	+505 35

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896
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## CARPETS.

1896, .....	17	\$1,605 29	\$	\$
1897, .....	17	1,680 61	+75 32	.....
1898, .....	17	1,752 03	+71 42	.....
1899, .....	17	2,096 25	+344 22	.....
1900, .....	17	2,072 54	—23 71	.....
1901, .....	17	2,339 66	+267 12	.....
1902, .....	17	2,543 04	+203 38	.....
1903, .....	17	2,078 81	—464 23	.....
1904, .....	17	2,366 81	+288 00	.....
1905, .....	17	2,373 03	+6 22	+767 74

## COTTON GOODS.

1896, .....	13	963 63	.....	.....
1897, .....	13	1,039 54	+75 91	.....
1898, .....	13	1,030 21	—9 33	.....
1899, .....	13	1,103 25	+73 04	.....
1900, .....	13	1,200 67	+97 42	.....
1901, .....	13	1,245 26	+44 59	.....
1902, .....	13	1,239 84	—5 42	.....
1903, .....	13	1,242 96	+3 12	.....
1904, .....	13	1,314 47	+71 51	.....
1905, .....	13	1,467 62	+153 15	+503 99

## WOOLEN AND WORSTED CAS- SIMERES.

1896, .....	10	1,450 28	.....	.....
1897, .....	10	1,672 91	+222 63	.....
1898, .....	10	1,658 75	—14 16	.....
1899, .....	10	1,847 82	+189 07	.....
1900, .....	10	1,785 47	—62 35	.....
1901, .....	10	1,966 40	+180 93	.....
1902, .....	10	1,612 66	—353 74	.....
1903, .....	10	1,533 88	—78 78	.....
1904, .....	10	1,711 67	+177 79	.....
1905, .....	10	1,556 01	—155 66	+105 73

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WOOLEN AND WORSTED FABRICS.				
1896, .....	13	\$1,366 86	\$	\$
1897, .....	13	1,578 31	+211 45	.....
1898, .....	13	1,741 28	+162 97	.....
1899, .....	13	1,828 34	+87 06	.....
1900, .....	13	1,843 51	+15 17	.....
1901, .....	13	1,925 14	+81 63	.....
1902, .....	13	2,093 43	+168 29	.....
1903, .....	13	2,129 94	+36 51	.....
1904, .....	13	2,239 59	+109 65	.....
1905, .....	13	2,613 87	+374 28	+1,247 01
WOOLEN AND WORSTED YARNS.				
1896, .....	12	1,319 04	.....	.....
1897, .....	12	2,031 21	+712 17	.....
1898, .....	12	2,643 55	+612 34	.....
1899, .....	12	3,556 40	+912 85	.....
1900, .....	12	2,583 76	—972 64	.....
1901, .....	12	2,706 35	+122 59	.....
1902, .....	12	2,821 11	+114 76	.....
1903, .....	12	2,163 56	—657 55	.....
1904, .....	12	2,359 13	+195 57	.....
1905, .....	12	2,320 99	—38 14	+1,001 95
RUGS, YARNS, ETC.				
1896, .....	4	1,196 53	.....	.....
1897, .....	4	1,187 75	—8 78	.....
1898, .....	4	1,238 15	+51 40	.....
1899, .....	4	1,392 48	+154 33	.....
1900, .....	4	1,372 56	—19 92	.....
1901, .....	4	1,250 23	—122 33	.....
1902, .....	4	1,502 87	+252 64	.....
1903, .....	4	1,488 01	—14 86	.....
1904, .....	4	1,517 11	+29 10	.....
1905, .....	4	1,560 84	+43 73	+364 31



VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
CARPET YARNS.				
1896, .....	10	\$2,135 28	\$	\$
1897, .....	10	2,763 42	+628 14	.....
1898, .....	10	2,262 44	—500 98	.....
1899, .....	10	2,755 04	+492 60	.....
1900, .....	10	2,579 06	—175 98	.....
1901, .....	10	2,586 57	+7 51	.....
1902, .....	10	2,790 33	+203 76	.....
1903, .....	10	2,823 00	+32 67	.....
1904, .....	10	2,966 71	+143 71	.....
1905, .....	10	3,055 93	+89 22	+920 65
COTTON YARNS.				
1896, .....	6	1,651 81	.....	.....
1897, .....	6	1,598 72	—53 09	.....
1898, .....	6	1,565 05	—33 67	.....
1899, .....	6	1,658 71	+93 66	.....
1900, .....	6	1,823 00	+164 29	.....
1901, .....	6	1,843 40	+20 40	.....
1902, .....	6	1,840 36	—3 04	.....
1903, .....	6	2,017 90	+177 54	.....
1904, .....	6	2,073 33	+55 43	.....
1905, .....	6	2,397 46	+324 13	+745 65
WORSTED WOOLEN AND COT- TON YARNS.				
1896, .....	8	1,677 62	.....	.....
1897, .....	8	1,982 07	+304 45	.....
1898, .....	8	1,775 50	—206 57	.....
1899, .....	8	2,813 03	+1,037 53	.....
1900, .....	8	2,378 95	—434 08	.....
1901, .....	8	2,151 36	—227 59	.....
1902, .....	8	2,341 70	+190 34	.....
1903, .....	8	2,143 31	—198 39	.....
1904, .....	8	2,177 36	+34 05	.....
1905, .....	8	2,841 91	+664 55	+1,164 29

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per annual	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WOOLEN BLANKETS, FLAN-  
NELS, ETC.

1896, .....	5	\$1,788 58	\$	\$
1897, .....	5	1,698 89	—89 69	.....
1898, .....	5	1,982 50	+283 61	.....
1899, .....	5	1,689 24	—293 26	.....
1900, .....	5	1,874 87	+185 63	.....
1901, .....	5	1,831 39	—43 46	.....
1902, .....	5	2,114 97	+283 58	.....
1903, .....	5	2,166 93	+51 96	.....
1904, .....	5	2,436 78	+269 85	.....
1905, .....	5	2,404 01	—32 77	+615 43

LACE GOODS.

1896, .....	3	1,191 73	.....	.....
1897, .....	3	1,271 28	+79 55	.....
1898, .....	3	1,252 26	—19 02	.....
1899, .....	3	1,191 15	—61 11	.....
1900, .....	3	1,069 51	—121 64	.....
1901, .....	3	1,157 02	+87 51	.....
1902, .....	3	1,194 51	+37 49	.....
1903, .....	3	1,008 16	—186 35	.....
1904, .....	3	1,001 36	—6 80	.....
1905, .....	3	993 84	—7 52	—197 89

CHENILLE GOODS.

1906, .....	2	874 29	.....	.....
1897, .....	2	907 07	+32 78	.....
1898, .....	2	1,085 58	+178 51	.....
1899, .....	2	1,133 47	+47 89	.....
1900, .....	2	1,139 52	+6 05	.....
1901, .....	2	1,167 83	+28 31	.....
1902, .....	2	1,079 11	—88 72	.....
1903, .....	2	1,045 95	—33 16	.....
1904, .....	2	1,336 12	+290 17	.....
1905, .....	2	2,039 37	+703 25	+1,165 08

# VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## UPHOLSTERY GOODS.

1896, .....	7	\$1,585 98	\$	\$
1897, .....	7	1,635 75	+49 77	.....
1898, .....	7	1,734 46	+98 71	.....
1899, .....	7	1,827 54	+93 08	.....
1900, .....	7	1,677 71	—149 83	.....
1901, .....	7	1,642 05	—35 66	.....
1902, .....	7	1,775 25	+133 20	.....
1903, .....	7	1,771 66	—3 59	.....
1904, .....	7	1,450 59	—320 07	.....
1905, .....	7	1,820 30	+369 71	+234 32

## KNIT GOODS, UNDERWEAR.

1896, .....	13	1,276 70	.....	.....
1897, .....	13	1,298 89	+22 19	.....
1898, .....	13	1,360 22	+61 33	.....
1899, .....	13	1,344 95	—15 27	.....
1900, .....	13	1,358 53	+13 58	.....
1901, .....	13	1,325 64	—32 89	.....
1902, .....	13	1,275 13	—50 51	.....
1903, .....	13	1,378 83	+103 70	.....
1904, .....	13	1,322 61	—56 22	.....
1905, .....	13	1,332 23	+9 62	+55 53

## HOSIERY.

1896, .....	31	787 25	.....	.....
1897, .....	31	806 03	+18 78	.....
1898, .....	31	824 77	+18 74	.....
1899, .....	31	852 54	+27 77	.....
1900, .....	31	882 24	+29 70	.....
1901, .....	31	900 33	+18 09	.....
1902, .....	31	920 97	+20 64	.....
1903, .....	31	936 50	+15 53	.....
1904, .....	31	903 23	—33 27	.....
1905, .....	31	1,014 10	+110 87	+226 85

15—9—1905.

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—  
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.</b>				
1896, .....	5	\$1,475 35	\$	\$
1897, .....	5	1,397 28	—78 07	.....
1898, .....	5	1,496 04	+98 76	.....
1899, .....	5	1,973 51	+477 47	.....
1900, .....	5	1,689 38	—284 13	.....
1901, .....	5	1,423 48	—265 90	.....
1902, .....	5	1,748 29	+324 81	.....
1903, .....	5	1,860 70	+112 41	.....
1904, .....	5	1,881 02	+20 32	.....
1905, .....	5	1,980 01	+98 99	+504 66
<b>SILK—BROAD GOODS AND RIB- BONS.</b>				
1896, .....	2	1,115 52	.....	.....
1897, .....	2	1,157 06	+41 54	.....
1898, .....	2	1,317 70	+160 64	.....
1899, .....	2	1,556 20	+238 50	.....
1900, .....	2	1,590 88	+34 68	.....
1901, .....	2	1,336 49	—254 39	.....
1902, .....	2	1,424 57	+88 08	.....
1903, .....	2	1,196 25	—228 32	.....
1904, .....	2	1,608 97	+412 72	.....
1905, .....	2	1,573 41	—35 56	+457 89
<b>SILK—RIBBONS.</b>				
1896, .....	3	1,436 52	.....	.....
1897, .....	3	1,466 91	+30 39	.....
1898, .....	3	1,458 14	—8 77	.....
1899, .....	3	1,411 04	—47 10	.....
1900, .....	3	1,415 24	+4 20	.....
1901, .....	3	1,004 92	—410 32	.....
1902, .....	3	1,687 51	+682 59	.....
1903, .....	3	1,058 40	—629 11	.....
1904, .....	3	1,753 69	+695 29	.....
1905, .....	3	1,754 11	+42	+317 59

## AVERAGE YEARLY EARNINGS.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the average yearly earnings by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are considered.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
TOOL STEEL.				
1896, .....	3	\$554 04	\$	\$
1897, .....	3	467 42	—86 62	.....
1898, .....	3	716 37	+248 95	.....
1899, .....	3	674 38	—41 99	.....
1900, .....	3	746 98	+72 60	.....
1901, .....	3	789 40	+42 42	.....
1902, .....	3	1,091 18	+301 78	.....
1903, .....	3	643 33	—447 85	.....
1904, .....	3	685 60	+42 27	.....
1905, .....	3	851 62	+166 02	+297 58
IRON AND STEEL FORGINGS.				
1896, .....	5	499 71	.....	.....
1897, .....	5	514 11	+14 40	.....
1898, .....	5	586 78	+72 67	.....
1899, .....	5	590 64	+3 86	.....
1900, .....	5	649 81	+59 17	.....
1901, .....	5	482 10	—167 71	.....
1902, .....	5	524 89	+42 79	.....
1903, .....	5	525 37	+48	.....
1904, .....	5	606 97	+81 60	.....
1905, .....	5	642 76	+35 79	+143 05
MALLEABLE IRON.				
1896, .....	4	450 75	.....	.....
1897, .....	4	460 86	+10 11	.....
1898, .....	4	473 67	+12 81	.....
1899, .....	4	507 05	+33 38	.....
1900, .....	4	518 54	+11 49	.....
1901, .....	4	493 18	—25 36	.....
1902, .....	4	557 84	+64 66	.....
1903, .....	4	564 69	+6 85	.....
1904, .....	4	563 05	—1 64	.....
1905, .....	4	535 95	—27 10	+85 20



## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ment consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOLTS, NUTS, ETC.

1896, .....	7	\$426 44	\$	\$
1897, .....	7	335 65	—90 79	.....
1898, .....	7	360 95	+25 30	.....
1899, .....	7	409 53	+48 58	.....
1900, .....	7	412 68	+3 15	.....
1901, .....	7	378 46	—34 22	.....
1902, .....	7	399 24	+20 78	.....
1903, .....	7	433 00	+33 76	.....
1904, .....	7	381 36	—51 64	.....
1905, .....	7	430 42	+49 06	+3 98

## WIRE NAILS, RIVETS, ETC.

1896, .....	3	456 74	.....	.....
1897, .....	3	433 35	—23 39	.....
1898, .....	3	503 71	+70 36	.....
1899, .....	3	451 17	—52 54	.....
1900, ....	3	479 81	+28 64	.....
1901, .....	3	451 64	—28 17	.....
1902, .....	3	434 10	—17 54	.....
1903, .....	3	509 55	+75 45	.....
1904, .....	3	548 45	+38 90	.....
1905, .....	3	504 02	—44 43	+47 28

## TACKS AND SMALL NAILS.

1896, .....	3	297 01	.....	.....
1897, .....	3	273 39	—23 62	.....
1898, .....	3	388 76	+115 37	.....
1899, .....	3	337 59	—51 17	.....
1900, .....	3	340 46	+2 87	.....
1901, .....	3	366 47	+26 01	.....
1902, .....	3	373 40	+6 93	.....
1903, .....	3	366 36	—7 04	.....
1904, .....	3	356 10	—10 26	.....
1905, .....	3	348 76	—7 34	+51 75

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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WIRE.

1896, .....	4	\$496 75	\$	\$
1897, .....	4	389 49	—107 26	.....
1898, .....	4	520 29	+130 80	.....
1899, .....	4	520 32	+3	.....
1900, .....	4	408 24	—112 08	.....
1901, .....	4	413 92	+5 68	.....
1902, .....	4	461 02	+47 10	.....
1903, .....	4	448 59	—12 43	.....
1904, .....	4	514 10	+65 51	.....
1905, .....	4	513 61	—49	+16 86

WIRE ROPE.

1896, .....	2	443 72	.....	.....
1897, .....	2	450 67	+6 95	.....
1898, .....	2	467 67	+17 00	.....
1899, .....	2	488 00	+20 33	.....
1900, .....	2	481 04	—6 96	.....
1901, .....	2	431 76	—49 28	.....
1902, .....	2	464 86	+33 10	.....
1903, .....	2	474 42	+9 56	.....
1904, .....	2	483 65	+9 23	.....
1905, .....	2	386 79	—96 86	—56 93

WIRE GOODS.

1896, .....	5	292 31	.....	.....
1897, .....	5	310 95	+18 64	.....
1898, .....	5	277 73	—33 22	.....
1899, .....	5	322 50	+44 77	.....
1900, .....	5	309 27	—13 23	.....
1901, .....	5	300 70	—8 57	.....
1902, .....	5	349 87	+49 17	.....
1903, .....	5	357 67	+7 80	.....
1904, .....	5	347 18	—10 49	.....
1905, .....	5	357 72	+10 54	+65 41

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WAGON AND CARRIAGE AXLES  
AND SPRINGS.

1896, .....	4	\$512 82	\$	\$
1897, .....	4	557 62	+44 80	.....
1898, .....	4	545 09	—12 53	.....
1899, .....	4	540 02	—5 07	.....
1900, .....	4	516 48	—23 54	.....
1901, .....	4	514 47	—2 01	.....
1902, .....	4	479 83	—34 64	.....
1903, .....	4	468 84	—10 99	.....
1904, .....	4	480 30	+11 46	.....
1905, .....	4	469 06	—11 24	—43 76

## SCALES.

1896, .....	3	607 65	.....	.....
1897, .....	3	596 01	—11 64	.....
1898, .....	3	606 55	+10 54	.....
1899, .....	3	630 21	+23 66	.....
1900, .....	3	610 52	—19 69	.....
1901, .....	3	625 46	+14 94	.....
1902, .....	3	624 79	—67	.....
1903, .....	3	630 77	+5 98	.....
1904, .....	3	694 63	+63 86	.....
1905, .....	3	688 28	—6 35	+80 63

STOVES, RANGES, HEATERS,  
ETC.

1896, .....	28	471 50	.....	.....
1897, .....	28	464 35	—7 15	.....
1898, .....	28	483 49	+19 14	.....
1899, .....	28	538 77	+55 28	.....
1900, .....	28	567 80	+29 03	.....
1901, .....	28	553 12	—14 68	.....
1902, .....	28	580 18	+27 06	.....
1903, .....	28	612 09	+31 91	.....
1904, .....	28	618 19	+6 10	.....
1905, .....	28	627 32	+9 13	+155 82

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## BATH BOILERS, TANKS, ETC.

1896, .....	2	\$165 04	\$	\$
1897, .....	2	446 36	-18 68	.....
1898, .....	2	425 34	-21 02	.....
1899, .....	2	432 18	+6 84	.....
1900, .....	2	442 21	+10 03	.....
1901, .....	2	455 23	+13 02	.....
1902, .....	2	475 02	+19 79	.....
1903, .....	2	483 38	+8 36	.....
1904, .....	2	481 84	-1 54	.....
1905, .....	2	484 85	+3 01	+19 81

## HARDWARE SPECIALTIES.

1896, .....	12	408 24	.....	.....
1897, .....	12	403 10	-5 14	.....
1898, .....	12	394 29	-8 81	.....
1899, .....	12	431 84	+37 55	.....
1900, .....	12	394 63	-37 21	.....
1901, .....	12	438 02	+43 39	.....
1902, .....	12	456 43	+18 41	.....
1903, .....	12	490 70	+34 27	.....
1904, .....	12	435 05	-55 65	.....
1905, .....	12	470 65	+35 60	+62 41

## EDGE TOOLS.

1896, .....	12	435 70	.....	.....
1897, .....	12	368 79	-66 91	.....
1898, .....	12	457 51	+88 72	.....
1899, .....	12	466 17	+8 66	.....
1900, .....	12	471 30	+5 13	.....
1901, .....	12	450 39	-20 91	.....
1902, .....	12	476 56	+26 17	.....
1903, .....	12	449 85	-26 71	.....
1904, .....	12	471 23	+21 38	.....
1905, .....	12	545 77	+74 54	+110 07

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WRENCHES, PICKS, ETC.

1896, .....	5	\$428 91	\$	\$
1897, .....	5	419 91	—9 00	.....
1898, .....	5	511 49	+91 58	.....
1899, .....	5	526 12	+14 63	.....
1900, .....	5	478 53	—47 59	.....
1901, .....	5	513 27	+34 74	.....
1902, .....	5	634 34	+215 43	.....
1903, .....	5	610 81	—23 53	.....
1904, .....	5	543 80	—67 01	.....
1905, .....	5	563 55	+19 75	+134 64

LOCOMOTIVES AND CARS BUILT  
AND REPAIRED.

1896, .....	3	485 43	.....	.....
1897, .....	3	524 84	+39 41	.....
1898, .....	3	571 93	+47 09	.....
1899, .....	3	608 46	+36 53	.....
1900, .....	3	607 74	—72	.....
1901, .....	3	612 57	+4 83	.....
1902, .....	3	627 14	+14 57	.....
1903, .....	3	663 02	+35 88	.....
1904, .....	3	648 00	—15 02	.....
1905, .....	3	628 88	—19 12	+143 45

WROUGHT IRON PIPE AND  
TUBES.

1896, .....	5	407 72	.....	.....
1897, .....	5	400 32	—7 40	.....
1898, .....	5	430 62	+30 30	.....
1899, .....	5	521 62	+91 00	.....
1900, .....	5	475 17	—46 45	.....
1901, .....	5	502 18	+27 01	.....
1902, .....	5	597 11	+94 93	.....
1903, .....	5	567 15	—29 96	.....
1904, .....	5	515 34	—51 81	.....
1905, .....	5	605 95	+90 61	+198 23



## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments- consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease( ) 1905 as compared with 1896.
CAST IRON PIPE.				
1896, .....	3	\$412 89	\$	\$
1897, .....	3	408 02	—4 87	.....
1898, .....	3	382 51	—25 51	.....
1899, .....	3	351 83	—30 68	.....
1900, .....	3	448 75	+96 92	.....
1901, .....	3	478 64	+29 89	.....
1902, .....	3	487 94	+9 30	.....
1903, .....	3	478 52	—9 42	.....
1904, .....	3	442 81	—35 71	.....
1905, .....	3	487 06	+44 25	+71 17

BRASS, COPPER AND BRONZE  
GOODS.

1896, .....	18	407 01	.....	.....
1897, .....	18	404 30	—2 71	.....
1898, .....	18	431 36	+27 06	.....
1899, .....	18	437 36	+6 00	.....
1900, .....	18	468 81	+31 45	.....
1901, .....	18	480 65	+11 84	.....
1902, .....	18	520 42	+39 77	.....
1903, .....	18	574 74	+54 32	.....
1904, .....	18	483 38	—91 36	.....
1905, .....	18	547 91	+64 53	+140 90

## IRON AND STEEL BRIDGES.

1896, .....	7	504 77	.....	.....
1897, .....	7	479 88	—24 89	.....
1898, .....	7	455 14	—24 74	.....
1899, .....	7	430 21	—24 93	.....
1900, .....	7	553 36	+123 15	.....
1901, .....	7	566 83	+13 47	.....
1902, .....	7	556 88	—9 95	.....
1903, .....	7	517 00	—39 88	.....
1904, .....	7	562 87	+45 87	.....
1905, .....	7	564 59	+1 72	+59 82

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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LOCOMOTIVES, STATIONARY  
ENGINES, ETC.

1896, .....	9	\$561 53	\$	\$
1897, .....	9	536 69	—24 84	.....
1898, .....	9	572 26	+35 57	.....
1899, .....	9	586 63	+14 37	.....
1900, .....	9	606 05	+19 42	.....
1901, .....	9	625 27	+19 22	.....
1902, .....	9	649 26	+23 99	.....
1903, .....	9	650 39	+1 13	.....
1904, .....	9	609 65	—40 74	.....
1905, .....	9	657 44	+47 79	+95 91

ENGINES, BOILERS, ETC.

1896, .....	9	518 79	.....	.....
1897, .....	9	505 11	—13 68	.....
1898, .....	9	524 37	+19 26	.....
1899, .....	9	547 02	+22 65	.....
1900, .....	9	550 04	+3 02	.....
1901, .....	9	560 82	+10 78	.....
1902, .....	9	573 29	+12 47	.....
1903, .....	9	577 67	+4 38	.....
1904, .....	9	567 74	—9 93	.....
1905, .....	9	590 07	+22 33	+71 28

CAR SPRINGS, AXLES AND  
RAILWAY SUPPLIES.

1896, .....	9	413 76	.....	.....
1897, .....	9	382 35	—31 41	.....
1898, .....	9	460 34	+77 99	.....
1899, .....	9	523 49	+63 15	.....
1900, .....	9	527 33	+3 84	.....
1901, .....	9	532 75	+5 42	.....
1902, .....	9	580 67	+47 92	.....
1903, .....	9	546 83	—33 84	.....
1904, .....	9	445 07	+101 76	.....
1905, .....	9	505 71	+60 64	+91 95

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## IRON VESSELS AND ENGINES.

1896, .....	3	\$573 87	\$	\$
1897, .....	3	545 98	—27 89	.....
1898, .....	3	535 08	—10 90	.....
1899, .....	3	554 00	+18 92	.....
1900, .....	3	529 91	—24 09	.....
1901, .....	3	572 32	+42 41	.....
1902, .....	3	617 00	+44 68	.....
1903, .....	3	758 69	+141 69	.....
1904, .....	3	663 29	—95 40	.....
1905, .....	3	638 23	—25 06	+64 36

## BOILERS, TANKS, STACKS, ETC.

1896, .....	20	477 17	.....	.....
1897, .....	20	489 66	+12 19	.....
1898, .....	20	478 63	—11 03	.....
1899, .....	20	479 54	+91	.....
1900, .....	20	478 49	—1 05	.....
1901, .....	20	516 63	+38 14	.....
1902, .....	20	513 19	—3 44	.....
1903, .....	20	514 80	+1 61	.....
1904, .....	20	518 77	+3 97	.....
1905, .....	20	405 15	—113 62	—72 32

## MACHINERY.

1896, .....	18	521 67	.....	.....
1897, .....	18	509 29	—12 38	.....
1898, .....	18	543 31	+34 02	.....
1899, .....	18	494 13	—49 18	.....
1900, .....	18	538 54	+44 41	.....
1901, .....	18	550 26	+11 72	.....
1902, .....	18	561 63	+11 37	.....
1903, .....	18	570 35	+8 72	.....
1904, .....	18	574 91	+4 56	.....
1905, .....	18	594 12	+19 21	+72 45

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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FOUNDRIES AND MACHINE  
SHOPS.

1896, .....	24	\$449 48	\$	\$
1897, .....	24	476 61	+27 13	.....
1898, .....	24	487 05	+10 44	.....
1899, .....	24	506 68	+19 63	.....
1900, .....	24	544 83	+38 15	.....
1901, .....	24	549 25	+4 42	.....
1902, .....	24	573 91	+24 66	.....
1903, .....	24	661 59	+87 68	.....
1904, .....	24	538 91	—122 68	.....
1905, .....	24	556 18	+17 27	+106 70

FILES, ETC.

1896, .....	2	328 99	.....	.....
1897, .....	2	320 24	—8 75	.....
1898, .....	2	318 57	—1 67	.....
1899, .....	2	345 36	+26 79	.....
1900, .....	2	333 04	—12 32	.....
1901, .....	2	372 45	+39 41	.....
1902, .....	2	404 50	+32 05	.....
1903, .....	2	417 04	+12 54	.....
1904, .....	2	372 14	—44 90	.....
1905, .....	2	390 77	+18 63	+61 78

SAWS.

1896, .....	3	459 73	.....	.....
1897, .....	3	431 14	—28 59	.....
1898, .....	3	488 06	+56 92	.....
1899, .....	3	512 77	+24 71	.....
1900, .....	3	573 36	+60 59	.....
1901, .....	3	583 70	+10 34	.....
1902, .....	3	647 40	+63 70	.....
1903, .....	3	584 31	—63 09	.....
1904, .....	3	569 62	—14 69	.....
1905, .....	3	546 55	—23 07	+86 82

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PLUMBER SUPPLIES.

1896, .....	3	\$436 32	\$	\$
1897, .....	3	409 55	—26 77	.....
1898, .....	3	448 67	+39 12	.....
1899, .....	3	480 71	+32 04	.....
1900, .....	3	481 57	+86	.....
1901, .....	3	486 09	+4 52	.....
1902, .....	3	497 97	+11 88	.....
1903, .....	3	505 72	+7 75	.....
1904, .....	3	497 16	—8 56	.....
1905, .....	3	487 75	—9 41	+51 43

## ELECTRICAL SUPPLIES.

1896, .....	2	509 45	.....	.....
1897, .....	2	547 52	+38 07	.....
1898, .....	2	553 10	+5 58	.....
1899, .....	2	551 79	—1 31	.....
1900, .....	2	567 57	+15 78	.....
1901, .....	2	572 05	+4 48	.....
1902, .....	2	587 12	+15 07	.....
1903, .....	2	672 32	+85 20	.....
1904, .....	2	530 73	—141 59	.....
1905, .....	2	557 38	+26 65	+47 93

SHOVELS, SPADES, SCOOPS,  
ETC.

1896, .....	8	399 23	.....	.....
1897, .....	8	395 43	—3 80	.....
1898, .....	8	448 09	+52 66	.....
1899, .....	8	518 60	+70 51	.....
1900, .....	8	434 04	—84 56	.....
1901, .....	8	488 42	+54 38	.....
1902, .....	8	520 31	+31 89	.....
1903, .....	8	540 71	+20 40	.....
1904, .....	8	542 32	+1 61	.....
1905, .....	8	570 47	+28 15	+171 24



## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SAFES AND VAULT DOORS.

1896, .....	2	\$426 22	\$	\$
1897, .....	2	479 25	+53 03	.....
1898, .....	2	504 23	+24 98	.....
1899, .....	2	499 71	—4 52	.....
1900, .....	2	442 19	—57 52	.....
1901, .....	2	454 60	+12 41	.....
1902, .....	2	437 12	—17 48	.....
1903, .....	2	461 64	+24 52	.....
1904, .....	2	496 61	+34 97	.....
1905, .....	2	438 09	—58 52	+11 87

## METAL AND METALLIC GOODS.

1896, .....	3	303 56	.....	.....
1897, .....	3	317 41	+13 85	.....
1898, .....	3	329 26	+11 85	.....
1899, .....	3	397 20	+67 94	.....
1900, .....	3	390 76	—6 44	.....
1901, .....	3	464 93	+74 17	.....
1902, .....	3	455 72	—9 21	.....
1903, .....	3	467 99	+12 27	.....
1904, .....	3	473 81	+5 82	.....
1905, .....	3	342 72	+131 09	+39 16

BUILDING AND STRUCTURAL  
IRON WORK.

1896, .....	2	508 18	.....	.....
1897, .....	2	520 31	+12 13	.....
1898, .....	2	525 02	+4 71	.....
1899, .....	2	530 60	+5 58	.....
1900, .....	2	523 93	—6 67	.....
1901, .....	2	524 78	+85	.....
1902, .....	2	539 65	+14 87	.....
1903, .....	2	613 58	+73 93	.....
1904, .....	2	615 22	+1 64	.....
1905, .....	2	616 40	+1 18	+108 22

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
IRON CHAINS.				
1896, .....	5	\$396 22	\$	\$
1897, .....	5	418 49	+22 27	.....
1898, .....	5	447 18	+28 69	.....
1899, .....	5	469 58	+22 40	.....
1900, .....	5	471 75	+2 17	.....
1901, .....	5	495 81	+24 06	.....
1902, .....	5	507 19	+11 38	.....
1903, .....	5	530 72	+23 53	.....
1904, .....	5	498 63	—32 09	.....
1905, .....	5	546 07	+47 44	+149 85
IRON FENCES AND RAILINGS.				
1896, .....	7	474 84	.....	.....
1897, .....	7	489 23	+14 39	.....
1898, .....	7	453 94	—35 29	.....
1899, .....	7	450 74	—3 20	.....
1900, .....	7	448 24	—2 50	.....
1901, .....	7	470 09	+21 85	.....
1902, .....	7	448 74	—21 35	.....
1903, .....	7	477 62	+28 88	.....
1904, .....	7	483 47	+5 85	.....
1905, .....	7	497 90	+14 43	+23 06
AGRICULTURAL IMPLEMENTS.				
1896, .....	10	466 66	.....	.....
1897, .....	10	449 60	—17 06	.....
1898, .....	10	466 51	+16 91	.....
1899, .....	10	477 92	+11 41	.....
1900, .....	10	478 31	+39	.....
1901, .....	10	514 45	+36 14	.....
1902, .....	10	516 86	+2 41	.....
1903, .....	10	525 66	+8 80	.....
1904, .....	10	488 69	—36 97	.....
1905, .....	10	500 47	+11 78	+33 81

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## STEAM PUMPS.

1896, .....	2	\$793 26	\$	\$
1897, .....	2	736 46	—56 80	.....
1898, .....	2	741 93	+5 47	.....
1899, .....	2	741 08	—85	.....
1900, .....	2	720 73	—20 35	.....
1901, .....	2	693 70	—27 03	.....
1902, .....	2	757 35	+63 65	.....
1903, .....	2	791 33	+33 98	.....
1904, .....	2	836 50	+45 17	.....
1905, .....	2	861 77	+25 27	+68 51

## PIANOS AND ORGANS.

1896, .....	2	423 67	.....	.....
1897, .....	2	435 61	+11 94	.....
1898, .....	2	482 97	+47 36	.....
1899, .....	2	458 35	—24 62	.....
1900, .....	2	433 17	—25 18	.....
1901, .....	2	436 40	+3 23	.....
1902, .....	2	411 30	—25 10	.....
1903, .....	2	446 99	+35 69	.....
1904, .....	2	464 22	+17 23	.....
1905, .....	2	449 16	—15 06	+25 49

## TINWARE.

1896, .....	5	378 66	.....	.....
1897, .....	5	388 75	+10 09	.....
1898, .....	5	370 93	—17 82	.....
1899, .....	5	430 58	+59 65	.....
1900, .....	5	411 90	—18 68	.....
1901, .....	5	368 95	—42 95	.....
1902, .....	5	410 82	+41 87	.....
1903, .....	5	387 38	—23 44	.....
1904, .....	5	358 97	—28 41	.....
1905, .....	5	325 02	—33 95	+53 64

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES.  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PAPER MANUFACTORIES.

1896, .....	8	\$381 90	\$	\$
1897, .....	8	399 01	+17 11	.....
1898, .....	8	399 06	+05	.....
1899, .....	8	409 03	+9 97	.....
1900, .....	8	441 85	+32 82	.....
1901, .....	8	428 12	—13 73	.....
1902, .....	8	465 82	+37 70	.....
1903, .....	8	441 94	—23 88	.....
1904, .....	8	476 91	+34 97	.....
1905, .....	8	483 41	+6 50	+101 51

## WALL PAPER.

1896, .....	3	314 67	.....	.....
1897, .....	3	319 77	+5 10	.....
1898, .....	3	343 65	+23 88	.....
1899, .....	3	355 24	+11 59	.....
1900, .....	3	455 47	+100 23	.....
1901, .....	3	411 00	—44 47	.....
1902, .....	3	437 25	+26 25	.....
1903, .....	3	394 39	—42 86	.....
1904, .....	3	411 12	+16 73	.....
1905, .....	3	385 95	—25 17	+71 28

## CIGARS.

1896, .....	43	275 76	.....	.....
1897, .....	43	279 26	+3 50	.....
1898, .....	43	286 08	+6 82	.....
1899, .....	43	291 51	+5 43	.....
1900, .....	43	304 49	+12 98	.....
1901, .....	43	303 39	—1 10	.....
1902, .....	43	320 57	+17 18	.....
1903, .....	43	327 02	+6 45	.....
1904, .....	43	338 15	+11 13	.....
1905, .....	43	312 47	—25 68	+36 71

16—9—1905.

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOOK BINDING.

1896, .....	3	470 70	.....	.....
1897, .....	3	484 51	+13 81	.....
1898, .....	3	482 65	—1 86	.....
1899, .....	3	490 44	+7 79	.....
1900, .....	3	524 27	+33 83	.....
1901, .....	3	551 69	+27 42	.....
1902, .....	3	582 52	+30 83	.....
1903, .....	3	612 68	+30 16	.....
1904, .....	3	589 09	—23 59	.....
1905, .....	3	590 62	+1 53	+119 92

## CORDAGE ROPE AND TWINE.

1896, .....	5	301 21	.....	.....
1897, .....	5	322 57	+21 36	.....
1898, .....	5	322 81	+24	.....
1899, .....	5	361 71	+38 90	.....
1900, .....	5	329 01	—32 70	.....
1901, .....	5	342 54	+13 53	.....
1902, .....	5	347 05	+4 51	.....
1903, .....	5	299 76	—47 29	.....
1904, .....	5	289 28	—10 48	.....
1905, .....	5	296 27	+6 99	—4 94

PAPER, PAPER BOXES, EN-  
VELOPES, ETC.

1896, .....	26	271 76	.....	.....
1897, .....	26	268 12	—3 64	.....
1898, .....	26	230 02	—38 10	.....
1899, .....	26	262 76	+32 74	.....
1900, .....	26	270 87	+8 11	.....
1901, .....	26	281 52	+10 65	.....
1902, .....	26	299 35	+17 83	.....
1903, .....	26	301 74	+2 39	.....
1904, .....	26	319 68	+17 94	.....
1905, .....	26	318 13	—1 55	+46 37



## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## POTTERY.

1896, .....	2	\$497 00	\$	\$
1897, .....	2	469 04	—27 96	.....
1898, .....	2	482 34	+13 30	.....
1899, .....	2	485 54	+3 20	.....
1900, .....	2	455 27	—30 27	.....
1901, .....	2	486 17	+30 90	.....
1902, .....	2	499 66	+13 49	.....
1903, .....	2	510 52	+10 86	.....
1904, .....	2	537 91	+27 39	.....
1905, .....	2	548 35	+10 44	+49 35

## PAVING BRICK.

1896, .....	7	326 54	.....	.....
1897, .....	7	335 67	+9 13	.....
1898, .....	7	331 42	—4 25	.....
1899, .....	7	334 91	+3 49	.....
1900, .....	7	404 88	+69 97	.....
1901, .....	7	374 08	—30 80	.....
1902, .....	7	400 40	+26 32	.....
1903, .....	7	423 28	+22 88	.....
1904, .....	7	295 17	—128 11	.....
1905, .....	7	409 92	+114 75	+83 38

## BUILDING BRICK.

1896, .....	30	357 22	.....	.....
1897, .....	30	364 99	+7 77	.....
1898, .....	30	359 36	—5 63	.....
1899, .....	30	378 59	+19 23	.....
1900, .....	30	364 86	—13 73	.....
1901, .....	30	378 00	+13 14	.....
1902, .....	30	368 41	—9 59	.....
1903, .....	30	386 19	+17 78	.....
1904, .....	30	373 07	—13 12	.....
1905, .....	30	401 33	+28 26	+44 11

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## FIRE BRICK.

1896, .....	17	\$389 26	\$	\$
1897, .....	17	373 08	—16 18	.....
1898, .....	17	362 41	—10 67	.....
1899, .....	17	384 59	+22 18	.....
1900, .....	17	419 15	+34 56	.....
1901, .....	17	428 42	+9 27	.....
1902, .....	17	437 43	+9 07	.....
1903, .....	17	427 83	—9 60	.....
1904, .....	17	501 41	+73 58	.....
1905, .....	17	531 47	+30 06	+142 21

## SLATE ROOFING, ETC., TONNAGE.

1896, .....	6	303 61	.....	.....
1897, .....	6	325 78	+22 17	.....
1898, .....	6	328 38	+2 60	.....
1899, .....	6	330 23	+1 85	.....
1900, .....	6	366 58	+36 35	.....
1901, .....	6	399 15	+32 57	.....
1902, .....	6	382 35	—16 80	.....
1903, .....	6	472 85	+90 50	.....
1904, .....	6	436 63	—36 22	.....
1905, .....	6	456 60	+19 97	+152 99

## SLATE ROOFING, ETC., SQUARES.

1896, .....	14	316 89	.....	.....
1897, .....	14	320 95	+4 06	.....
1898, .....	14	251 97	—68 98	.....
1899, .....	14	351 13	—84	.....
1900, .....	14	362 58	+11 45	.....
1901, .....	14	390 16	+27 58	.....
1902, .....	14	412 30	+22 14	.....
1903, .....	14	430 45	+18 15	.....
1904, .....	14	406 83	—23 62	.....
1905, .....	14	399 74	—7 09	+82 85

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WINDOW GLASS, BOTTLES AND  
TABLE GOODS.

1896, .....	20	\$379 14	\$	\$
1897, .....	20	419 66	+40 52	.....
1898, .....	20	439 25	+19 59	.....
1899, .....	20	465 56	+26 31	.....
1900, .....	20	458 99	—6 57	.....
1901, .....	20	451 86	—7 13	.....
1902, .....	20	460 15	+8 29	.....
1903, .....	20	425 10	—35 05	.....
1904, .....	20	481 25	+56 15	.....
1905, .....	20	485 95	+4 70	+106 81

GLAZED AND CHROME KID.

1896, .....	7	353 15	.....	.....
1897, .....	7	394 82	+41 67	.....
1898, .....	7	393 26	—1 56	.....
1899, .....	7	414 94	+21 68	.....
1900, .....	7	396 28	—18 66	.....
1901, .....	7	441 41	+45 13	.....
1902, .....	7	483 81	+42 40	.....
1903, .....	7	433 24	—50 57	.....
1904, .....	7	465 33	+32 09	.....
1905, .....	7	466 60	+1 27	+113 45

MEN'S, WOMEN'S, MISSES AND  
CHILDREN'S SHOES.

1896, .....	13	342 13	.....	.....
1897, .....	13	357 21	+15 08	.....
1898, .....	13	364 16	+6 95	.....
1899, .....	13	377 49	+13 33	.....
1900, .....	13	368 13	—9 36	.....
1901, .....	13	383 26	+15 13	.....
1902, .....	13	366 31	—16 95	.....
1903, .....	13	406 51	+40 20	.....
1904, .....	13	394 06	—12 45	.....
1905, .....	13	413 64	+19 58	+71 51

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## SUSPENDERS.

1896, .....	2	\$281 24	\$	\$
1897, .....	2	282 80	+1 56	.....
1898, .....	2	322 83	—40 03	.....
1899, .....	2	377 47	+54 64	.....
1900, .....	2	359 67	—17 80	.....
1901, .....	2	310 10	+49 57	.....
1902, .....	2	378 22	+68 12	.....
1903, .....	2	359 07	—19 15	.....
1904, .....	2	345 69	—13 38	.....
1905, .....	2	346 11	+42	+64 87

## HATS AND CAPS.

1896, .....	3	296 23	.....	.....
1897, .....	3	366 74	+70 51	.....
1898, .....	3	314 97	—51 77	.....
1899, .....	3	342 69	+27 72	.....
1900, .....	3	345 15	+2 46	.....
1901, .....	3	354 41	+9 26	.....
1902, .....	3	354 62	+21	.....
1903, .....	3	338 34	—16 28	.....
1904, .....	3	366 15	+27 81	.....
1905, .....	3	394 80	+28 65	+98 57

## FUR AND FELT HATS.

1896, .....	4	399 97	.....	.....
1897, .....	4	491 08	+91 11	.....
1898, .....	4	473 42	—17 66	.....
1899, .....	4	471 17	—2 25	.....
1900, .....	4	479 23	+8 06	.....
1901, .....	4	476 02	—3 21	.....
1902, .....	4	448 36	—27 66	.....
1903, .....	4	433 12	—15 24	.....
1904, .....	4	476 33	+43 21	.....
1905, .....	4	470 50	—5 83	+70 53

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WOOL HATS.

1896, .....	6	\$326 09	\$	\$
1897, .....	6	333 68	+7 59	.....
1898, .....	6	301 06	—32 62	.....
1899, .....	6	325 57	+24 51	.....
1900, .....	6	401 40	+75 83	.....
1901, .....	6	353 71	—47 69	.....
1902, .....	6	351 53	—2 18	.....
1903, .....	6	401 29	+49 76	.....
1904, .....	6	338 29	—63 00	.....
1905, .....	6	378 81	+40 52	+52 72

## UMBRELLAS AND PARASOLS.

1896, .....	4	231 65	.....	.....
1897, .....	4	296 53	+54 88	.....
1898, .....	4	268 57	—27 96	.....
1899, .....	4	272 41	+3 84	.....
1900, .....	4	267 00	—5 41	.....
1901, .....	4	276 66	+9 66	.....
1902, .....	4	242 47	—34 19	.....
1903, .....	4	321 37	+78 90	.....
1904, .....	4	289 92	—31 45	.....
1905, .....	4	320 54	+30 62	+88 89

DRESS TRIMMINGS, BRAIDS,  
ETC.

1896, .....	8	270 87	.....	.....
1897, .....	8	272 97	+2 10	.....
1898, .....	8	267 84	—5 13	.....
1899, .....	8	272 55	+4 71	.....
1900, .....	8	305 73	+33 18	.....
1901, .....	8	296 18	—9 55	.....
1902, .....	8	315 80	+19 62	.....
1903, .....	8	312 25	—3 55	.....
1904, .....	8	304 29	—7 96	.....
1905, .....	8	309 53	+5 24	+38 66



## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## SHIRTS AND SHIRT WAISTS.

1896, .....	8	\$298 87	\$	\$
1897, .....	8	276 52	—22 35	.....
1898, .....	8	276 09	—43	.....
1899, .....	8	305 16	+29 07	.....
1900, .....	8	321 37	+16 21	.....
1901, .....	8	327 91	+6 54	.....
1902, .....	8	351 72	+23 81	.....
1903, .....	8	358 86	+7 14	.....
1904, .....	8	357 45	—1 41	.....
1905, .....	8	365 21	+7 76	+66 34

## NECKWEAR.

1896, .....	3	383 74	.....	.....
1897, .....	3	362 00	—21 74	.....
1898, .....	3	376 91	+14 91	.....
1899, .....	3	378 89	+1 98	.....
1900, .....	3	366 39	—12 50	.....
1901, .....	3	317 06	—49 33	.....
1902, .....	3	307 64	—9 42	.....
1903, .....	3	350 97	+43 33	.....
1904, .....	3	342 42	—8 55	.....
1905, .....	3	337 34	—5 08	—46 40

## COTTON AND WOOLEN CLOTHS.

1896, .....	19	323 32	.....	.....
1897, .....	19	354 11	+30 79	.....
1898, .....	19	359 62	+5 51	.....
1899, .....	19	372 73	+13 11	.....
1900, .....	19	348 91	—23 82	.....
1901, .....	19	356 31	+7 40	.....
1902, .....	19	394 56	+38 25	.....
1903, .....	19	359 46	—35 10	.....
1904, .....	19	361 15	+1 69	.....
1905, .....	19	394 10	+32 95	+70 78

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## CARPETS.

1896, .....	17	\$346 63	\$	\$
1897, .....	17	364 98	+18 35	.....
1898, .....	17	362 75	—2 23	.....
1899, .....	17	415 59	+52 84	.....
1900, .....	17	416 14	+53	.....
1901, .....	17	447 98	+31 84	.....
1902, .....	17	484 17	+36 19	.....
1903, .....	17	387 86	—96 31	.....
1904, .....	17	433 08	—45 22	.....
1905, .....	17	422 88	—10 20	+76 25

## COTTON GOODS.

1896, .....	13	283 47	.....	.....
1897, .....	13	309 37	+25 90	.....
1898, .....	13	317 49	+8 12	.....
1899, .....	13	337 66	+20 17	.....
1900, .....	13	349 49	+11 83	.....
1901, .....	13	342 50	—6 99	.....
1902, .....	13	353 12	+10 62	.....
1903, .....	13	344 04	—9 08	.....
1904, .....	13	346 36	+2 32	.....
1905, .....	13	372 82	+26 46	+89 35

## WOOLEN AND WORSTED CASSIMERES.

1896, .....	10	309 29	.....	.....
1897, .....	10	335 81	+26 52	.....
1898, .....	10	334 83	—98	.....
1899, .....	10	348 65	+13 82	.....
1900, .....	10	359 69	+11 04	.....
1901, .....	10	352 41	—7 28	.....
1902, .....	10	367 88	+15 47	.....
1903, .....	10	359 35	—8 53	.....
1904, .....	10	339 37	—19 98	.....
1905, .....	10	364 82	+25 45	+55 53

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEE, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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WOOLEN AND WORSTED FABRICS.

1896, .....	13	\$278 56	\$	\$
1897, .....	13	310 02	+31 46	.....
1898, .....	13	343 96	+33 94	.....
1899, .....	13	358 94	+14 98	.....
1900, .....	13	346 81	—12 13	.....
1901, .....	13	349 85	+3 04	.....
1902, .....	13	377 55	+27 70	.....
1903, .....	13	372 95	—4 60	.....
1904, .....	13	377 30	+4 35	.....
1905, .....	13	396 45	+19 15	+117 89

WOOLEN AND WORSTED YARNS.

1896, .....	12	269 36	.....	.....
1897, .....	12	320 70	+51 34	.....
1898, .....	12	313 57	—7 13	.....
1899, .....	12	361 57	+48 00	.....
1900, .....	12	323 61	—37 96	.....
1901, .....	12	349 14	+25 53	.....
1902, .....	12	332 96	—16 18	.....
1903, .....	12	307 66	—25 30	.....
1904, .....	12	322 97	+15 31	.....
1905, .....	12	323 18	+21	+53 82

RUGS, YARNS, ETC.

1896, .....	4	330 76	.....	.....
1897, .....	4	328 32	—2 44	.....
1898, .....	4	346 79	+18 47	.....
1899, .....	4	383 94	+37 15	.....
1900, .....	4	371 28	—12 66	.....
1901, .....	4	368 81	—2 47	.....
1902, .....	4	390 40	+21 59	.....
1903, .....	4	399 31	+8 91	.....
1904, .....	4	421 95	+22 64	.....
1905, .....	4	424 04	+2 09	+93 28

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEE,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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## CARPET YARNS.

1896, .....	10	\$337 29	\$	\$
1897, .....	10	373 47	+36 18	.....
1898, .....	10	336 12	-37 35	.....
1899, .....	10	382 98	+46 76	.....
1900, .....	10	365 74	-17 24	.....
1901, .....	10	386 34	+20 60	.....
1902, .....	10	422 75	+36 41	.....
1903, .....	10	398 28	-24 47	.....
1904, .....	10	394 04	-4 24	.....
1905, .....	10	409 52	+15 48	+72 23

## COTTON YARNS.

1896, .....	6	273 14	.....	.....
1897, .....	6	281 17	+8 03	.....
1898, .....	6	300 80	+19 63	.....
1899, .....	6	303 41	+2 61	.....
1900, .....	6	302 95	-46	.....
1901, .....	6	323 13	+20 18	.....
1902, .....	6	330 86	+7 73	.....
1903, .....	6	305 21	-25 65	.....
1904, .....	6	293 75	-11 46	.....
1905, .....	6	370 68	+76 93	+97 54

WORSTED, WOOLEN AND COT-  
TON YARNS.

1896, .....	8	299 69	.....	.....
1897, .....	8	307 83	+8 14	.....
1898, .....	8	292 91	-14 92	.....
1899, .....	8	377 89	+84 98	.....
1900, .....	8	302 45	-75 44	.....
1901, .....	8	298 62	-3 83	.....
1902, .....	8	304 63	+6 01	.....
1903, .....	8	298 70	-5 93	.....
1904, .....	8	289 65	-9 05	.....
1905, .....	8	321 85	+32 20	+22 16

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896, .....	5	\$358 52	\$	\$
1897, .....	5	367 74	+9 22	.....
1898, .....	5	329 54	-38 20	.....
1899, .....	5	333 27	+3 73	.....
1900, .....	5	362 09	+28 82	.....
1901, .....	5	328 39	-33 70	.....
1902, .....	5	364 73	+36 34	.....
1903, .....	5	349 94	-14 79	.....
1904, .....	5	327 05	-22 89	.....
1905, .....	5	340 99	+13 94	-17 53

## LACE GOODS.

1896, .....	3	253 95	.....	.....
1897, .....	3	261 33	+7 38	.....
1898, .....	3	277 11	+15 78	.....
1899, .....	3	285 65	+8 54	.....
1900, .....	3	297 73	+12 08	.....
1901, .....	3	309 96	+12 23	.....
1902, .....	3	311 10	+1 14	.....
1903, .....	3	294 56	-16 54	.....
1904, .....	3	326 67	+32 11	.....
1905, .....	3	308 13	-18 54	+54 18

## CHENILLE GOODS.

1896, .....	2	247 26	.....	.....
1897, .....	2	271 94	+24 68	.....
1898, .....	2	309 95	+38 01	.....
1899, .....	2	337 70	+27 75	.....
1900, .....	2	402 02	+64 32	.....
1901, .....	2	423 85	+21 83	.....
1902, .....	2	366 20	-57 65	.....
1903, .....	2	359 33	-6 87	.....
1904, .....	2	380 74	+21 41	.....
1905, .....	2	362 16	-18 58	+114 90



## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEE, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## UPHOLSTERY GOODS.

1896, .....	7	\$362 25	\$	\$
1897, .....	7	389 54	+27 29	.....
1898, .....	7	429 32	+39 78	.....
1899, .....	7	423 52	—5 80	.....
1900, .....	7	417 30	—6 22	.....
1901, .....	7	432 22	+14 92	.....
1902, .....	7	459 27	+27 05	.....
1893, .....	7	448 66	—10 61	.....
1904, .....	7	412 73	—35 93	.....
1905, .....	7	477 76	+65 03	+115 51

## KNIT GOODS, UNDERWEAR.

1896, .....	13	262 29	.....	.....
1897, .....	13	262 28	—01	.....
1898, .....	13	267 35	+5 07	.....
1899, .....	13	276 14	+8 79	.....
1900, .....	13	254 73	—21 41	.....
1901, .....	13	257 27	+2 54	.....
1902, .....	13	277 93	+20 66	.....
1903, .....	13	267 49	—10 44	.....
1904, .....	13	277 92	+10 43	.....
1905, .....	13	290 82	+12 90	+28 53

## HOSIERY.

1896, .....	31	237 59	.....	.....
1897, .....	31	245 66	+8 07	.....
1898, .....	31	250 73	+5 07	.....
1899, .....	31	262 05	+11 32	.....
1900, .....	31	272 54	+10 49	.....
1901, .....	31	277 47	+4 93	.....
1902, .....	31	292 51	+15 04	.....
1903, .....	31	294 21	+1 70	.....
1904, .....	31	279 82	—14 39	.....
1905, .....	31	311 98	+32 16	+74 39

## AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEE,  
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE  
YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896, .....	5	\$243 73	\$	\$
1897, .....	5	226 87	—16 86	.....
1898, .....	5	236 59	+9 72	.....
1899, .....	5	265 65	+29 06	.....
1900, .....	5	233 95	—31 70	.....
1901, .....	5	217 64	—16 31	.....
1902, .....	5	266 64	+49 00	.....
1903, .....	5	285 94	+19 30	.....
1904, .....	5	265 89	—20 05	.....
1905, .....	5	280 27	+14 38	+36 54
SILK—BROAD GOODS AND RIB- BONS.				
1896, .....	2	250 25	.....	.....
1897, .....	2	233 02	—17 23	.....
1898, .....	2	234 57	+1 55	.....
1899, .....	2	261 31	+26 74	.....
1900, .....	2	265 71	+4 40	.....
1901, .....	2	226 18	—39 53	.....
1902, .....	2	231 80	+5 62	.....
1903, .....	2	304 49	+72 69	.....
1904, .....	2	293 53	—10 96	.....
1905, .....	2	321 79	+28 26	+71 54
SILK RIBBONS.				
1896, .....	3	256 22	.....	.....
1897, .....	3	316 85	+60 63	.....
1898, .....	3	296 62	—20 23	.....
1899, .....	3	312 14	+15 52	.....
1900, .....	3	288 03	—24 11	.....
1901, .....	3	221 98	—66 05	.....
1902, .....	3	345 72	+123 74	.....
1903, .....	3	365 55	+19 83	.....
1904, .....	3	387 82	+22 27	.....
1905, .....	3	376 59	—11 33	+120 37

## AVERAGE DAILY WAGE.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the average daily wage of employes, skilled and unskilled, in the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are considered.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
TOOL STEEL.			Cts.	Cts.
1896, .....	3	\$2 08	.....	.....
1897, .....	3	1 93	—15	.....
1898, .....	3	2 30	+37	.....
1899, .....	3	2 32	+02	.....
1900, .....	3	2 56	+24	.....
1901, .....	3	2 68	+12	.....
1902, .....	3	3 64	+96	.....
1903, .....	3	2 14	—1 50	.....
1894, .....	3	2 29	+15	.....
1905, .....	3	2 82	+53	+74
IRON AND STEEL FORGINGS.				
1896, .....	5	1 79	.....	.....
1897, .....	5	1 74	—05	.....
1898, .....	5	1 97	+23	.....
1899, .....	5	1 97	.....	.....
1900, .....	5	2 16	+19	.....
1901, .....	5	1 74	—42	.....
1902, .....	5	1 80	+06	.....
1903, .....	5	1 78	—02	.....
1904, .....	5	2 00	+22	.....
1905, .....	5	2 17	+17	+38
MALLEABLE IRON.				
1896, .....	4	1 54	.....	.....
1897, .....	4	1 58	+04	.....
1898, .....	4	1 59	+01	.....
1899, .....	4	1 70	+11	.....
1900, .....	4	1 78	+08	.....
1901, .....	4	1 72	—06	.....
1902, .....	4	1 87	+15	.....
1903, .....	4	1 90	+3	.....
1904, .....	4	1 91	+01	.....
1905, .....	4	1 80	—11	—26

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOLTS, NUTS, ETC.

			Cts.	Cts.
1896, .....	7	\$1 78	.....	.....
1897, .....	7	1 31	—47	.....
1898, .....	7	1 34	+03	.....
1899, .....	7	1 37	+03	.....
1900, .....	7	1 38	+01	.....
1901, .....	7	1 23	—15	.....
1903, .....	7	1 29	+06	.....
1903, .....	7	1 42	+13	.....
1904, .....	7	1 47	+05	.....
1905, .....	7	1 42	—05	—36

## WIRE NAILS, RIVETS, ETC.

1896, .....	3	1 64	.....	.....
1897, .....	3	1 60	—04	.....
1898, .....	3	1 64	+04	.....
1899, .....	3	1 67	+03	.....
1900, .....	3	1 58	—09	.....
1901, .....	3	1 50	—08	.....
1902, .....	3	1 44	—06	.....
1903, .....	3	1 70	+26	.....
1904, .....	3	1 96	+26	.....
1905, .....	3	1 70	—26	+06

## TACKS AND SMALL NAILS.

1896, .....	3	1 34	.....	.....
1897, .....	3	1 34	.....	.....
1898, .....	3	1 52	+18	.....
1899, .....	3	1 18	—34	.....
1900, .....	3	1 41	+23	.....
1901, .....	3	1 29	—12	.....
1902, .....	3	1 46	+17	.....
1903, .....	3	1 34	—12	.....
1904, .....	3	1 35	+01	.....
1905, .....	3	1 30	—05	—04

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>WIRE.</b>				
1896, .....	4	\$1 79	.....	.....
1897, .....	4	1 53	—26	.....
1898, .....	4	1 61	+08	.....
1899, .....	4	1 58	—03	.....
1900, .....	4	1 35	—23	.....
1901, .....	4	1 37	+02	.....
1902, .....	4	1 53	+16	.....
1903, .....	4	1 75	+22	.....
1904, .....	4	1 75	.....	.....
1905, .....	4	1 73	—02	—06
<b>WIRE ROPE.</b>				
1896, .....	2	1 47	.....	.....
1897, .....	2	1 49	+02	.....
1898, .....	2	1 54	+05	.....
1899, .....	2	1 61	+07	.....
1900, .....	2	1 57	—04	.....
1901, .....	2	1 40	—17	.....
1902, .....	2	1 51	+11	.....
1903, .....	2	1 57	+06	.....
1904, .....	2	1 62	+5	.....
1905, .....	2	1 27	—35	—20
<b>WIRE GOODS.</b>				
1896, .....	5	99	.....	.....
1897, .....	5	1 03	+04	.....
1898, .....	5	92	—11	.....
1899, .....	5	1 07	+15	.....
1900, .....	5	1 03	—04	.....
1901, .....	5	1 02	—01	.....
1902, .....	5	1 25	+23	.....
1903, .....	5	1 21	—04	.....
1904, .....	5	1 19	—02	.....
1905, .....	5	1 23	+04	+24

17—9—1905.



AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WAGON AND CARRIAGE AXLES  
AND SPRINGS.

			Cts.	Cts.
1896, .....	4	\$2 00	.....	.....
1897, .....	4	1 98	—02	.....
1898, .....	4	1 87	—11	.....
1899, .....	4	1 89	+02	.....
1900, .....	4	1 84	—05	.....
1901, .....	4	1 81	—03	.....
1902, .....	4	1 68	—13	.....
1903, .....	4	1 63	—05	.....
1904, .....	4	1 66	+03	.....
1905, .....	4	1 56	—10	—44

SCALES, ETC.

1896, .....	3	2 20	.....	.....
1897, .....	3	2 08	—12	.....
1898, .....	3	2 04	—04	.....
1899, .....	3	2 09	+05	.....
1900, .....	3	2 05	—04	.....
1901, .....	3	2 14	+09	.....
1902, .....	3	2 14	.....	.....
1903, .....	3	2 14	.....	.....
1904, .....	3	2 33	+19	.....
1905, .....	3	2 31	—02	+11

STOVES, RANGES, HEATERS,  
ETC.

1896, .....	28	2 25	.....	.....
1897, .....	28	2 03	—22	.....
1898, .....	28	2 03	.....	.....
1899, .....	28	2 11	+08	.....
1900, .....	28	2 31	+20	.....
1901, .....	28	2 18	—13	.....
1902, .....	28	2 22	+04	.....
1903, .....	28	2 37	+15	.....
1904, .....	28	2 33	—04	.....
1905, .....	28	2 32	—01	+07

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
BATH BOILERS, TANKS, ETC.				
1896, .....	2	\$1 50	.....	.....
1897, .....	2	1 46	—04	.....
1898, .....	2	1 41	—05	.....
1899, .....	2	1 42	+01	.....
1900, .....	2	1 44	+02	.....
1901, .....	2	1 50	+06	.....
1902, .....	2	1 56	+06	.....
1903, .....	2	1 59	+03	.....
1904, .....	2	1 59	.....	.....
1905, .....	2	1 60	+01	+10
HARDWARE SPECIALTIES.				
1896, .....	12	53	.....	.....
1897, .....	12	1 47	—05	.....
1898, .....	12	1 53	+06	.....
1899, .....	12	1 54	+01	.....
1900, .....	12	1 57	+03	.....
1901, .....	12	1 45	—12	.....
1902, .....	12	1 53	+08	.....
1903, .....	12	1 66	+13	.....
1904, .....	12	1 52	—14	.....
1905, .....	12	1 60	+08	+07
EDGE TOOLS.				
1896, .....	12	1 77	.....	.....
1897, .....	12	1 62	—15	.....
1898, .....	12	1 57	—05	.....
1899, .....	12	1 59	+02	.....
1900, .....	12	1 59	.....	.....
1901, .....	12	1 52	—07	.....
1902, .....	12	1 59	+07	.....
1903, .....	12	1 61	+02	.....
1904, .....	12	2 05	+44	.....
1905, .....	12	2 01	—04	+24

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
WRENCHES, PICKS, ETC.			Cts.	Cts.
1896, .....	5	\$1 79	.....	.....
1897, .....	5	1 58	—21	.....
1898, .....	5	1 88	+30	.....
1899, .....	5	1 80	—08	.....
1900, .....	5	1 71	—09	.....
1901, .....	5	1 83	+12	.....
1902, .....	5	2 24	+41	.....
1903, .....	5	2 04	—20	.....
1904, .....	5	1 94	—10	.....
1905, .....	5	1 98	+04	+19
LOCOMOTIVES AND CARS				
BUILT AND REPAIRED.				
1896, .....	3	1 78	.....	.....
1897, .....	3	1 86	+08	.....
1898, .....	3	1 93	+07	.....
1899, .....	3	2 00	+07	.....
1900, .....	3	2 01	+01	.....
1901, .....	3	2 02	+01	.....
1902, .....	3	2 07	+05	.....
1903, .....	3	2 21	+14	.....
1904, .....	3	2 17	—04	.....
1905, .....	3	2 10	—07	+32
WROUGHT IRON PIPE AND				
TUBES.				
1896, .....	5	1 44	.....	.....
1897, .....	5	1 34	—10	.....
1898, .....	5	1 42	+08	.....
1899, .....	5	1 94	+52	.....
1900, .....	5	1 79	—15	.....
1901, .....	5	1 77	—02	.....
1902, .....	5	2 71	+94	.....
1903, .....	5	1 97	—74	.....
1904, .....	5	1 89	—08	.....
1905, .....	5	2 05	+16	+61

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
CAST IRON PIPE.				
			Cts.	Cts.
1896, .....	3	\$1 37	.....	.....
1897, .....	3	1 35	—02	.....
1898, .....	3	1 29	—06	.....
1899, .....	3	1 40	+11	.....
1900, .....	3	1 47	+07	.....
1901, .....	3	1 52	+05	.....
1902, .....	3	1 56	+04	.....
1903, .....	3	1 64	+08	.....
1904, .....	3	1 61	—03	.....
1905, .....	3	1 57	—04	+20
BRASS, COPPER AND BRONZE GOODS.				
1896, .....	18	1 38	.....	.....
1897, .....	18	1 38	.....	.....
1898, .....	18	1 45	+07	.....
1899, .....	18	1 44	—01	.....
1900, .....	18	1 57	+13	.....
1901, .....	18	1 58	+01	.....
1902, .....	18	1 72	+14	.....
1903, .....	18	1 92	+20	.....
1904, .....	18	1 62	—30	.....
1905, .....	18	1 82	+20	+44
IRON AND STEEL BRIDGES.				
1896, .....	7	1 72	.....	.....
1897, .....	7	1 61	—11	.....
1898, .....	7	1 51	—10	.....
1899, .....	7	1 54	+03	.....
1900, .....	7	1 84	+30	.....
1901, .....	7	1 83	—01	.....
1902, .....	7	1 80	—03	.....
1903, .....	7	1 67	—13	.....
1904, .....	7	1 82	+15	.....
1905, .....	7	1 87	+05	+15

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
			Cts.	Cts.
1896, .....	9	\$1 84	.....	.....
1897, .....	9	1 75	—09	.....
1898, .....	9	1 88	+13	.....
1899, .....	9	1 91	+03	.....
1900, .....	9	1 97	+06	.....
1901, .....	9	2 06	+09	.....
1902, .....	9	2 11	+05	.....
1903, .....	9	2 13	+02	.....
1904, .....	9	2 01	—12	.....
1905, .....	9	2 15	+14	+31
ENGINES, BOILERS, ETC.				
1896, .....	9	1 76	.....	.....
1897, .....	9	1 72	—04	.....
1898, .....	9	1 72	.....	.....
1899, .....	9	1 82	+10	.....
1900, .....	9	1 80	—02	.....
1901, .....	9	1 85	+05	.....
1902, .....	9	1 92	+07	.....
1903, .....	9	1 92	.....	.....
1904, .....	9	1 89	—03	.....
1905, .....	9	1 98	+09	+22
CAR SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896, .....	9	1 61	.....	.....
1897, .....	9	1 37	—24	.....
1898, .....	9	1 57	+20	.....
1899, .....	9	1 69	+12	.....
1900, .....	9	1 69	.....	.....
1901, .....	9	1 73	+04	.....
1902, .....	9	1 88	+15	.....
1903, .....	9	1 79	—09	.....
1904, .....	9	1 57	—22	.....
1905, .....	9	1 64	+07	+03



## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
IRON VESSELS AND ENGINES.				
			Cts.	Cts.
1896, .....	3	\$1 88	.....	.....
1897, .....	3	1 79	—09	.....
1898, .....	3	1 76	—03	.....
1899, .....	3	1 87	+11	.....
1900, .....	3	1 81	—06	.....
1901, .....	3	1 73	—08	.....
1902, .....	3	1 90	+17	.....
1903, .....	3	2 50	+60	.....
1904, .....	3	2 18	—32	.....
1905, .....	3	2 11	—07	+23
BOILERS, TANKS, STACKS, ETC.				
1896, .....	20	1 59	.....	.....
1897, .....	20	1 64	+05	.....
1898, .....	20	1 58	—06	.....
1899, .....	20	1 58	.....	.....
1900, .....	20	1 51	—07	.....
1901, .....	20	1 68	+17	.....
1902, .....	20	1 70	+02	.....
1903, .....	20	1 68	—02	.....
1904, .....	20	1 71	+03	.....
1905, .....	20	1 35	—36	—24
MACHINERY.				
1896, .....	18	1 73	.....	.....
1897, .....	18	1 66	—07	.....
1898, .....	18	1 81	+15	.....
1899, .....	18	1 63	—18	.....
1900, .....	18	1 78	+15	.....
1901, .....	18	1 79	+01	.....
1902, .....	18	1 89	+10	.....
1903, .....	18	1 88	—01	.....
1904, .....	18	1 91	+03	.....
1905, .....	18	1 97	+06	+24

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
FOUNDRIES AND MACHINE SHOPS.				
1896, .....	24	\$1 57	.....	.....
1897, .....	24	1 62	+05	.....
1898, .....	24	1 64	+02	.....
1899, .....	24	1 67	+03	.....
1900, .....	24	1 81	+14	.....
1901, .....	24	1 81	.....	.....
1902, .....	24	1 88	+07	.....
1903, .....	2	2 18	+30	.....
1904, .....	24	1 83	—35	.....
1905, .....	24	1 91	+08	+34
FILES, ETC.				
1896, .....	2	1 20	.....	.....
1897, .....	2	1 20	.....	.....
1898, .....	2	1 15	—05	.....
1899, .....	2	1 14	—01	.....
1900, .....	2	1 14	.....	.....
1901, .....	2	1 29	+15	.....
1902, .....	2	1 34	+05	.....
1903, .....	2	1 38	+04	.....
1904, .....	2	1 22	—16	.....
1905, .....	2	1 29	+07	+09
SAWS.				
1896, .....	3	2 01	.....	.....
1897, .....	3	2 05	+04	.....
1898, .....	3	2 00	—05	.....
1899, .....	3	2 05	+05	.....
1900, .....	3	2 04	—01	.....
1901, .....	3	2 03	—01	.....
1902, .....	3	2 19	+16	.....
1903, .....	3	2 04	—15	.....
1904, .....	3	1 96	—08	.....
1905, .....	3	1 89	—07	—12

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
<b>PLUMBER SUPPLIES.</b>				
			Cts.	Cts.
1896, .....	3	\$1 55	.....	.....
1897, .....	3	1 52	-03	.....
1898, .....	3	1 55	+03	.....
1899, .....	3	1 54	-01	.....
1900, .....	3	1 54	.....	.....
1901, .....	3	1 46	-08	.....
1902, .....	3	1 55	+09	.....
1903, .....	3	1 58	+03	.....
1904, .....	3	1 56	-02	.....
1905, .....	3	1 53	-03	-02
<b>ELECTRICAL SUPPLIES.</b>				
1896, .....	2	1 76	.....	.....
1897, .....	2	1 85	+09	.....
1898, .....	2	1 84	-01	.....
1899, .....	2	1 83	-01	.....
1900, .....	2	1 92	+09	.....
1901, .....	2	1 91	-01	.....
1902, .....	2	1 95	+04	.....
1903, .....	2	2 25	+30	.....
1904, .....	2	1 80	-45	.....
1905, .....	2	1 83	+03	+07
<b>SHOVELS, SPADES, SCOOPS, ETC.</b>				
1896, .....	8	1 90	.....	.....
1897, .....	8	1 81	-09	.....
1898, .....	8	1 82	+01	.....
1899, .....	8	1 85	+03	.....
1900, .....	8	1 72	-13	.....
1901, .....	8	1 73	+01	.....
1902, .....	8	1 84	+11	.....
1903, .....	8	1 94	+10	.....
1904, .....	8	2 01	+07	.....
1905, .....	8	1 96	-05	+06

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
SAFES AND VAULT DOORS.			Cts.	Cts.
1896, .....	2	\$1 39	.....	.....
1897, .....	2	1 59	+20	.....
1898, .....	2	1 69	+10	.....
1899, .....	2	1 70	+01	.....
1900, .....	2	1 52	—18	.....
1901, .....	2	1 50	—02	.....
1902, .....	2	1 44	—06	.....
1903, .....	2	1 51	+07	.....
1904, .....	2	1 64	+13	.....
1905, .....	2	1 45	—19	+06
METAL AND METALLIC GOODS.				
1896, .....	3	1 29	.....	.....
1897, .....	3	1 23	—06	.....
1898, .....	3	1 29	+06	.....
1899, .....	3	1 50	+21	.....
1900, .....	3	1 42	—08	.....
1901, .....	3	1 58	+16	.....
1902, .....	3	1 59	+01	.....
1903, .....	3	1 62	+03	.....
1904, .....	3	1 65	+03	.....
1905, .....	3	1 86	+21	+57
BUILDING AND STRUCTURAL IRON WORK.				
1896, .....	2	1 60	.....	.....
1897, .....	2	1 72	+12	.....
1898, .....	2	1 71	—01	.....
1899, .....	2	1 74	+03	.....
1900, .....	2	1 71	—03	.....
1901, .....	2	1 72	+01	.....
1902, .....	2	1 76	+04	.....
1903, .....	2	2 01	+25	.....
1904, .....	2	2 02	+01	.....
1905, .....	2	2 01	—01	+41

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>IRON CHAINS.</b>				
			Cts.	Cts.
1896, .....	5	\$1 50	.....	.....
1897, .....	5	1 54	+04	.....
1898, .....	5	1 50	—04	.....
1899, .....	5	1 59	+09	.....
1900, .....	5	1 87	+28	.....
1901, .....	5	1 71	—16	.....
1902, .....	5	1 85	+14	.....
1903, .....	5	1 93	+08	.....
1904, .....	5	1 89	—04	.....
1905, .....	5	2 05	+16	+55
<b>IRON FENCES AND RAILINGS.</b>				
1896, .....	7	1 62	.....	.....
1897, .....	7	1 64	+02	.....
1898, .....	7	1 49	—15	.....
1899, .....	7	1 49	.....	.....
1900, .....	7	1 47	—02	.....
1901, .....	7	1 54	+07	.....
1902, .....	7	1 46	—08	.....
1903, .....	7	1 57	+11	.....
1904, .....	7	1 59	+02	.....
1905, .....	7	1 63	+04	+01
<b>AGRICULTURAL IMPLEMENTS.</b>				
1896, .....	10	1 56	.....	.....
1897, .....	10	1 53	—03	.....
1898, .....	10	1 55	+02	.....
1899, .....	10	1 60	+05	.....
1900, .....	10	1 60	.....	.....
1901, .....	10	1 70	+10	.....
1902, .....	10	1 72	+02	.....
1903, .....	10	1 74	+02	.....
1904, .....	10	1 65	—09	.....
1905, .....	10	1 66	+01	+10



## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
STEAM PUMPS.			Cts.	Cts.
1896, .....	2	\$2 58	.....	.....
1897, .....	2	2 40	-18	.....
1898, .....	2	2 44	+04	.....
1899, .....	2	2 46	+02	.....
1900, .....	2	2 39	-07	.....
1901, .....	2	2 30	-09	.....
1902, .....	2	2 51	+21	.....
1903, .....	2	2 60	+09	.....
1904, .....	2	2 79	+19	.....
1905, .....	2	3 29	+50	+71
PIANOS AND ORGANS.				
1896, .....	2	1 56	.....	.....
1897, .....	2	1 49	-07	.....
1898, .....	2	1 64	+15	.....
1899, .....	2	1 56	-08	.....
1900, .....	2	1 48	-08	.....
1901, .....	2	1 48	.....	.....
1902, .....	2	1 39	-09	.....
1903, .....	2	1 51	+12	.....
1904, .....	2	1 57	+06	.....
1905, .....	2	1 52	-05	-04
TINWARE.				
1896, .....	5	1 26	.....	.....
1897, .....	5	1 29	+03	.....
1898, .....	5	1 24	-05	.....
1899, .....	5	1 43	+19	.....
1900, .....	5	1 37	-06	.....
1901, .....	5	1 36	-01	.....
1902, .....	5	1 36	.....	.....
1903, .....	5	1 31	-05	.....
1904, .....	5	1 18	-13	.....
1905, .....	5	1 09	-09	-17

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
PAPER MANUFACTORIES.				
			Cts.	Cts.
1896, .....	8	\$1 46	.....	.....
1897, .....	8	1 44	—02	.....
1898, .....	8	1 41	—03	.....
1899, .....	8	1 44	+03	.....
1900, .....	8	1 49	+05	.....
1901, .....	8	1 46	—03	.....
1902, .....	8	1 60	+14	.....
1903, .....	8	1 47	—13	.....
1904, .....	8	1 68	+21	.....
1905, .....	8	1 62	—06	+16
WALL PAPER.				
1896, .....	3	1 24	.....	.....
1897, .....	3	1 14	—10	.....
1898, .....	3	1 22	+08	.....
1899, .....	3	1 27	+05	.....
1900, .....	3	1 57	+30	.....
1901, .....	3	1 42	—15	.....
1902, .....	3	1 51	+09	.....
1903, .....	3	1 37	—14	.....
1904, .....	3	1 40	+03	.....
1905, .....	3	1 28	—12	+04
CIGARS.				
1896, .....	43	96	.....	.....
1897, .....	43	96	.....	.....
1898, .....	43	97	+01	.....
1899, .....	43	99	+02	.....
1900, .....	43	1 03	+04	.....
1901, .....	43	1 03	.....	.....
1902, .....	43	1 09	+06	.....
1903, .....	43	1 12	+03	.....
1904, .....	43	1 14	+02	.....
1905, .....	43	1 10	—04	+14

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
BOOK BINDING.			Cts.	Cts.
1896, .....	3	\$1 56	.....	.....
1897, .....	3	1 73	+17	.....
1898, .....	3	1 70	—03	.....
1899, .....	3	1 75	+05	.....
1900, .....	3	1 82	+07	.....
1901, .....	3	1 90	+08	.....
1902, .....	3	2 09	+19	.....
1903, .....	3	2 06	—03	.....
1904, .....	3	1 92	—14	.....
1905, .....	3	1 92	.....	+36
CORDAGE, ROPE AND TWINE,				
1896, .....	5	1 05	.....	.....
1897, .....	5	1 02	—03	.....
1898, .....	5	1 03	+01	.....
1899, .....	5	1 16	+13	.....
1900, .....	5	1 09	—07	.....
1901, .....	5	1 14	+05	.....
1902, .....	5	1 17	+03	.....
1903, .....	5	1 02	—15	.....
1904, .....	5	99	—03	.....
1905, .....	5	1 04	+05	—01
PAPER, PAPER BOXES, ENVEL- OPES, ETC.				
1896, .....	26	91	.....	.....
1897, .....	26	89	—02	.....
1898, .....	26	76	—13	.....
1899, .....	26	87	+11	.....
1900, .....	26	90	+03	.....
1901, .....	26	93	+03	.....
1902, .....	26	1 01	+08	.....
1903, .....	26	1 00	—01	.....
1904, .....	26	1 06	+06	.....
1905, .....	26	1 07	+01	+16

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
<b>POTTERY.</b>				
			Cts.	Cts.
1896, .....	2	\$1 64	.....	.....
1897, .....	2	1 63	-01	.....
1898, .....	2	1 66	+03	.....
1899, .....	2	1 63	-03	.....
1900, .....	2	1 58	-05	.....
1901, .....	2	1 60	+02	.....
1902, .....	2	1 65	+05	.....
1903, .....	2	1 69	+04	.....
1904, .....	2	1 76	+07	.....
1905, .....	2	1 80	+04	+16
<b>PAVING BRICK.</b>				
1896, .....	7	1 28	.....	.....
1897, .....	7	1 36	+08	.....
1898, .....	7	1 35	-01	.....
1899, .....	7	1 45	+10	.....
1900, .....	7	1 50	+05	.....
1901, .....	7	1 60	+10	.....
1902, .....	7	1 58	-02	.....
1903, .....	7	1 63	+05	.....
1904, .....	7	1 24	-39	.....
1905, .....	7	1 53	+29	+25
<b>BUILDING BRICK.</b>				
1896, .....	30	1 51	.....	.....
1897, .....	30	1 57	+06	.....
1898, .....	30	1 58	+01	.....
1899, .....	30	1 64	+06	.....
1900, .....	30	1 62	-02	.....
1901, .....	30	1 61	-01	.....
1902, .....	30	1 57	-04	.....
1903, .....	30	1 60	+03	.....
1904, .....	30	1 65	+05	.....
1905, .....	30	1 68	+03	+17

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>FIRE BRICK.</b>				
			Cts.	Cts.
1896, .....	17	\$1 37	.....	.....
1897, .....	17	1 33	—04	.....
1898, .....	17	1 49	+16	.....
1899, .....	17	1 55	+06	.....
1900, .....	17	1 40	—15	.....
1901, .....	17	1 44	+04	.....
1902, .....	17	1 54	+10	.....
1903, .....	17	1 60	+06	.....
1904, .....	17	1 73	+13	.....
1905, .....	17	1 80	+07	+43
<b>SLATE ROOFING, ETC., TON- NAGE.</b>				
1896, .....	6	1 33	.....	.....
1897, .....	6	1 44	+11	.....
1898, .....	6	1 34	—10	.....
1899, .....	6	1 40	+06	.....
1900, .....	6	1 44	+04	.....
1901, .....	6	1 49	+05	.....
1902, .....	6	1 52	+03	.....
1903, .....	6	1 78	+26	.....
1904, .....	6	1 77	—01	.....
1905, .....	6	1 83	+06	+50
<b>SLATE ROOFING, ETC., SQUARES.</b>				
1896, .....	14	1 33	.....	.....
1897, .....	14	1 34	+01	.....
1898, .....	14	1 42	+08	.....
1899, .....	14	1 43	+01	.....
1900, .....	14	1 48	+05	.....
1901, .....	14	1 54	+06	.....
1902, .....	14	1 62	+08	.....
1903, .....	14	1 63	+01	.....
1904, .....	14	1 75	+12	.....
1905, .....	14	1 66	—09	+33



## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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WINDOW GLASS, BOTTLES AND  
TABLE GOODS.

			Cts.	Cts.
1896, .....	20	\$1 56	.....	.....
1897, .....	20	1 58	+02	.....
1898, .....	20	1 59	+01	.....
1899, .....	20	1 63	+04	.....
1900, .....	20	1 73	+10	.....
1901, .....	20	1 76	+03	.....
1902, .....	20	1 72	-04	.....
1903, .....	20	1 57	-15	.....
1904, .....	20	2 13	+56	.....
1905, .....	20	1 74	-39	+18

## GLAZED AND CHROME KID.

1896, .....	7	1 18	.....	.....
1897, .....	7	1 31	+13	.....
1898, .....	7	1 32	+01	.....
1899, .....	7	1 38	+06	.....
1900, .....	7	1 47	+09	.....
1901, .....	7	1 48	+01	.....
1902, .....	7	1 71	+23	.....
1903, .....	7	1 46	-25	.....
1904, .....	7	1 54	+08	.....
1905, .....	7	1 57	+03	+39

MEN'S, WOMEN'S, MISSES' AND  
CHILDREN'S SHOES.

1896, .....	13	1 22	.....	.....
1897, .....	13	1 22	.....	.....
1898, .....	13	1 22	.....	.....
1899, .....	13	1 29	+07	.....
1900, .....	13	1 25	-04	.....
1901, .....	13	1 28	+03	.....
1902, .....	13	1 24	-04	.....
1903, .....	13	1 40	+16	.....
1904, .....	13	1 32	-08	.....
1905, .....	13	1 39	+07	+17

18—9—1905.

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SUSPENDERS.

			Cts.	Cts.
1896, .....	2	\$0 95	.....	.....
1897, .....	2	70	—25	.....
1898, .....	2	1 09	+39	.....
1899, .....	2	1 26	+17	.....
1900, .....	2	1 21	—05	.....
1901, .....	2	1 04	—17	.....
1902, .....	2	1 27	+23	.....
1903, .....	2	1 21	—06	.....
1904, .....	2	1 18	—03	.....
1905, .....	2	1 17	—01	+22

## HATS AND CAPS.

1896, .....	3	1 22	.....	.....
1897, .....	3	1 27	+05	.....
1898, .....	3	1 10	—17	.....
1899, .....	3	1 21	+11	.....
1900, .....	3	1 22	+01	.....
1901, .....	3	1 23	+01	.....
1902, .....	3	1 26	+03	.....
1903, .....	3	1 15	—11	.....
1904, .....	3	1 41	+26	.....
1905, .....	3	1 37	—04	+15

## FUR AND FELT HATS.

1896, .....	4	1 30	.....	.....
1897, .....	4	1 59	+29	.....
1898, .....	4	1 54	—05	.....
1899, .....	4	1 52	—02	.....
1900, .....	4	1 55	+03	.....
1901, .....	4	1 55	.....	.....
1902, .....	4	1 45	—10	.....
1903, .....	4	1 38	—07	.....
1904, .....	4	1 55	+17	.....
1905, .....	4	1 54	—01	+24

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WOOL HATS.			Cts.	Cts.
1896, .....	6	\$1 19	.....	.....
1897, .....	6	1 30	+11	.....
1898, .....	6	1 09	—21	.....
1899, .....	6	1 24	+15	.....
1900, .....	6	1 33	+09	.....
1901, .....	6	1 23	—10	.....
1902, .....	6	1 22	—01	.....
1903, .....	6	1 41	+19	.....
1904, .....	6	1 48	+07	.....
1905, .....	6	1 59	+11	+40

UMBRELLAS AND PARASOLS.

1896, .....	4	75	.....	.....
1897, .....	4	97	+22	.....
1898, .....	4	87	—10	.....
1899, .....	4	89	+02	.....
1900, .....	4	87	—02	.....
1901, .....	4	90	+03	.....
1902, .....	4	79	—11	.....
1903, .....	4	1 05	+26	.....
1904, .....	4	95	—10	.....
1905, .....	4	1 05	+10	+30

DRESS TRIMMINGS, BRAIDS,  
ETC.

1896, .....	8	94	.....	.....
1897, .....	8	93	—01	.....
1898, .....	8	90	—03	.....
1899, .....	8	91	+01	.....
1900, .....	8	1 01	+10	.....
1901, .....	8	1 01	.....	.....
1902, .....	8	1 08	+07	.....
1903, .....	8	1 05	—03	.....
1904, .....	8	1 01	—04	.....
1905, .....	8	1 02	+01	+08

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SHIRTS AND SHIRT WAISTS.

			Cts.	Cts.
1896, .....	8	\$1 05	.....	.....
1897, .....	8	93	—12	.....
1898, .....	8	93	.....	.....
1899, .....	8	1 02	+09	.....
1900, .....	8	1 07	+05	.....
1901, .....	8	1 10	+03	.....
1902, .....	8	1 19	+09	.....
1903, .....	8	1 20	+01	.....
1904, .....	8	1 25	+05	.....
1905, .....	8	1 23	—02	+18

## NECKWEAR.

1896, .....	3	1 25	.....	.....
1897, .....	3	1 18	—07	.....
1898, .....	3	1 22	+04	.....
1899, .....	3	1 23	+01	.....
1900, .....	3	1 19	—04	.....
1901, .....	3	1 03	—16	.....
1902, .....	3	1 00	—03	.....
1903, .....	3	1 14	+14	.....
1904, .....	3	1 12	—02	.....
1905, .....	3	1 10	—02	—15

## COTTON AND WOOLEN CLOTHS.

1896, .....	19	1 18	.....	.....
1897, .....	19	1 22	+04	.....
1898, .....	19	1 35	+13	.....
1899, .....	19	1 39	+04	.....
1900, .....	19	1 25	—14	.....
1901, .....	19	1 25	.....	.....
1902, .....	19	1 32	+07	.....
1903, .....	19	1 32	.....	.....
1904, .....	19	1 27	—05	.....
1905, .....	19	1 33	+06	+15

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>CARPETS.</b>				
			Cts.	Cts.
1896, .....	17	\$1 31	.....	.....
1897, .....	17	1 25	—06	.....
1898, .....	17	1 24	—01	.....
1899, .....	17	1 37	+13	.....
1900, .....	17	1 40	+03	.....
1901, .....	17	1 50	+10	.....
1902, .....	17	1 62	+12	.....
1903, .....	17	1 84	+22	.....
1904, .....	17	1 51	—33	.....
1905, .....	17	1 44	—07	+13
<b>COTTON GOODS.</b>				
1896, .....	13	1 08	.....	.....
1897, .....	13	1 11	+03	.....
1898, .....	13	1 09	—02	.....
1899, .....	13	1 14	+05	.....
1900, .....	13	1 17	+03	.....
1901, .....	13	1 17	.....	.....
1902, .....	13	1 17	.....	.....
1903, .....	13	1 20	+03	.....
1904, .....	13	1 21	+01	.....
1905, .....	13	1 25	+04	+17
<b>WOOLEN AND WORSTED CASSI- MERES.</b>				
1896, .....	10	1 15	.....	.....
1897, .....	10	1 22	+07	.....
1898, .....	10	1 28	+06	.....
1899, .....	10	1 25	—03	.....
1900, .....	10	1 24	—01	.....
1901, .....	10	1 27	+03	.....
1902, .....	10	1 29	+02	.....
1903, .....	10	1 26	—03	.....
1904, .....	10	1 22	—04	.....
1905, .....	10	1 25	+03	+10



AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WOOLEN AND WORSTED FABRICS.			Cts.	Cts.
1896, .....	13	\$1 14	.....	.....
1897, .....	13	1 08	—06	.....
1898, .....	13	1 19	+11	.....
1899, .....	13	1 20	+01	.....
1900, .....	13	1 17	—03	.....
1901, .....	13	1 18	+01	.....
1902, .....	13	1 25	+07	.....
1903, .....	13	1 29	+04	.....
1904, .....	13	1 23	—06	.....
1905, .....	13	1 32	+09	+18

WOOLEN AND WORSTED YARNS.				
1896, .....	12	1 09	.....	.....
1897, .....	12	1 11	+02	.....
1898, .....	12	1 09	—02	.....
1899, .....	12	1 24	+15	.....
1900, .....	12	1 16	—08	.....
1901, .....	12	1 19	+03	.....
1902, .....	12	1 11	—08	.....
1903, .....	12	1 06	—05	.....
1904, .....	12	1 11	+05	.....
1905, .....	12	1 11	.....	+02

RUGS, YARNS, ETC.				
1896, .....	4	1 30	.....	.....
1897, .....	4	1 22	—08	.....
1898, .....	4	1 26	+04	.....
1899, .....	4	1 36	+10	.....
1900, .....	4	1 27	—09	.....
1901, .....	4	1 33	+06	.....
1902, .....	4	1 42	+09	.....
1903, .....	4	1 49	+07	.....
1904, .....	4	1 55	+06	.....
1905, .....	4	1 51	—04	+21

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
CARPET YARNS.			Cts.	Cts.
1896, .....	10	\$1 27	.....	.....
1897, .....	10	1 25	—02	.....
1898, .....	10	1 25	.....	.....
1899, .....	10	1 28	+03	.....
1900, .....	10	1 32	+04	.....
1901, .....	10	1 33	+01	.....
1902, .....	10	1 41	+08	.....
1903, .....	10	1 46	+05	.....
1904, .....	10	1 42	—04	.....
1905, .....	10	1 40	—02	+13
COTTON YARNS.				
1896, .....	6	1 03	.....	.....
1897, .....	6	1 03	.....	.....
1898, .....	6	1 03	.....	.....
1899, .....	6	1 05	+02	.....
1900, .....	6	1 01	—04	.....
1901, .....	6	1 13	+12	.....
1902, .....	6	1 15	+02	.....
1903, .....	6	1 23	+08	.....
1904, .....	6	1 18	—05	.....
1905, .....	6	1 24	+06	+21
WORSTED, WOOLEN AND COT- TON YARNS.				
1896, .....	8	1 22	.....	.....
1897, .....	8	1 07	—15	.....
1898, .....	8	1 27	+20	.....
1899, .....	8	1 46	+19	.....
1900, .....	8	1 03	—43	.....
1901, .....	8	1 04	+01	.....
1902, .....	8	1 04	.....	.....
1903, .....	8	1 02	—02	.....
1904, .....	8	1 04	+02	.....
1905, .....	8	1 06	+02	—16

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WOOLEN BLANKETS, FLAN-  
NELS, ETC.

			Cts.	Cts.
1896, .....	5	\$1 18	.....	.....
1897, .....	5	1 22	+04	.....
1898, .....	5	94	—28	.....
1899, .....	5	1 19	+25	.....
1900, .....	5	1 20	+01	.....
1901, .....	5	1 13	—07	.....
1902, .....	5	1 22	+09	.....
1903, .....	5	1 22	.....	.....
1904, .....	5	1 16	—06	.....
1905, .....	5	1 18	+02	.....

## LACE GOODS.

1896, .....	3	93	.....	.....
1897, .....	3	88	—05	.....
1898, .....	3	90	+02	.....
1899, .....	3	94	+04	.....
1900, .....	3	98	+04	.....
1901, .....	3	1 02	+04	.....
1902, .....	3	1 15	+13	.....
1903, .....	3	97	—18	.....
1904, .....	3	1 14	+17	.....
1905, .....	3	1 04	—10	+11

## CHENILLE GOODS.

1896, .....	2	87	.....	.....
1897, .....	2	90	+03	.....
1898, .....	2	1 03	+13	.....
1899, .....	2	1 12	+09	.....
1900, .....	2	1 33	+21	.....
1901, .....	2	1 39	+06	.....
1902, .....	2	1 28	—11	.....
1903, .....	2	1 34	+06	.....
1904, .....	2	1 33	—01	.....
1905, .....	2	1 23	—10	+36

## AVERAGE DAILY WAGE.—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
UPHOLSTERY GOODS.			Cts.	Cts.
1896, .....	7	\$1 26	.....	.....
1897, .....	7	1 30	+04	.....
1898, .....	7	1 44	+14	.....
1899, .....	7	1 45	+01	.....
1900, .....	7	1 53	+08	.....
1901, .....	7	1 43	—10	.....
1902, .....	7	1 51	+08	.....
1903, .....	7	1 78	+27	.....
1904, .....	7	1 46	—32	.....
1905, .....	7	1 52	+06	+26
KNIT GOODS, UNDERWEAR.				
1896, .....	13	97	.....	.....
1897, .....	13	91	—06	.....
1898, .....	13	95	+04	.....
1899, .....	13	99	+04	.....
1900, .....	13	88	—11	.....
1901, .....	13	91	+03	.....
1902, .....	13	94	+03	.....
1903, .....	13	90	—04	.....
1904, .....	13	94	+04	.....
1905, .....	13	98	+04	+01
HOSIERY.				
1896, .....	31	93	.....	.....
1897, .....	31	85	—08	.....
1898, .....	31	88	+03	.....
1899, .....	31	93	+05	.....
1900, .....	31	95	+02	.....
1901, .....	31	96	+01	.....
1902, .....	31	99	+03	.....
1903, .....	31	1 07	+08	.....
1904, .....	31	99	—08	.....
1905, .....	31	1 06	+07	+13

## AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—  
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,  
1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.</b>				
			Cts.	Cts.
1896, .....	5	\$0 89	.....	.....
1897, .....	5	75	—14	.....
1898, .....	5	80	+05	.....
1899, .....	5	96	+16	.....
1900, .....	5	83	—13	.....
1901, .....	5	84	+01	.....
1902, .....	5	88	+04	.....
1903, .....	5	1 05	+17	.....
1904, .....	5	92	—13	.....
1905, .....	5	93	+01	+04
<b>SILK—BROAD GOODS AND RIB- BONS.</b>				
1896, .....	2	83	.....	.....
1897, .....	2	77	—06	.....
1898, .....	2	78	+01	.....
1899, .....	2	87	+09	.....
1900, .....	2	89	+02	.....
1901, .....	2	75	—14	.....
1902, .....	2	77	+02	.....
1903, .....	2	1 01	+24	.....
1904, .....	2	1 00	—01	.....
1905, .....	2	1 08	+08	+25
<b>SILK—RIBBONS.</b>				
1896, .....	3	85	.....	.....
1897, .....	3	1 07	+22	.....
1898, .....	3	1 00	—07	.....
1899, .....	3	1 07	+07	.....
1900, .....	3	99	—08	.....
1901, .....	3	74	—25	.....
1902, .....	3	1 17	+43	.....
1903, .....	3	1 24	+07	.....
1904, .....	3	1 29	+05	.....
1905, .....	3	1 33	+04	+48



## COST OF BASIC MATERIAL TO VALUE OF PRODUCTION.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the relative per cent. of cost of basic materials to value of production in same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments, are considered.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>TOOL STEEL.</b>				
1896, .....	3	33.8	.....	.....
1897, .....	3	27.6	—6.2	.....
1898, .....	3	20.1	—7.5	.....
1899, .....	3	20.1	.....	.....
1900, .....	3	18.0	—2.1	.....
1901, .....	3	19.0	+1.0	.....
1902, .....	3	19.3	+ .3	.....
1903, .....	3	22.3	+3.6	.....
1904, .....	3	20.3	—2.0	.....
1905, .....	3	20.0	— .3	—13.8
<b>IRON AND STEEL FORGINGS.</b>				
1896, .....	5	40.2	.....	.....
1897, .....	5	40.0	— .2	.....
1898, .....	5	40.3	+ .3	.....
1899, .....	5	37.8	—2.5	.....
1900, .....	5	38.9	+1.1	.....
1901, .....	5	41.8	+2.9	.....
1902, .....	5	41.3	— .5	.....
1903, .....	5	44.6	+3.3	.....
1904, .....	5	34.9	—9.7	.....
1905, .....	5	20.0	—14.9	—20.2
<b>MALLEABLE IRON.</b>				
1896, .....	4	30.5	.....	.....
1897, .....	4	28.0	—2.5	.....
1898, .....	4	30.5	+2.5	.....
1899, .....	4	29.9	— .6	.....
1900, .....	4	39.3	+9.4	.....
1901, .....	4	40.6	+1.3	.....
1902, .....	4	33.7	—6.9	.....
1903, .....	4	38.8	+5.1	.....
1904, .....	4	25.6	—13.2	.....
1905, .....	4	37.2	+11.6	+6.7

**COST OF BASIC MATERIAL TO VALUE OF PRODUCTION—  
Continued.**

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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**BOLTS, NUTS, ETC.**

1896, .....	7	46.3	.....	.....
1897, .....	7	46.6	+3	.....
1898, .....	7	50.3	+3.7	.....
1899, .....	7	57.9	+7.6	.....
1900, .....	7	50.7	—7.2	.....
1901, .....	7	54.9	+4.2	.....
1902, .....	7	57.5	+2.6	.....
1903, .....	7	57.0	—5	.....
1904, .....	7	62.2	+5.2	.....
1905, .....	7	64.5	+2.3	+18.2

**WIRE NAILS, RIVETS, ETC.**

1896, .....	3	54.7	.....	.....
1897, .....	3	56.0	+1.3	.....
1898, .....	3	50.1	—5.9	.....
1899, .....	3	52.3	+2.2	.....
1900, .....	3	53.9	+1.6	.....
1901, .....	3	55.8	+1.9	.....
1902, .....	3	63.9	+8.1	.....
1903, .....	3	62.9	—1.0	.....
1904, .....	3	53.0	—9.9	.....
1905, .....	3	59.5	+6.5	+4.8

**TACKS AND SMALL NAILS.**

1896, .....	3	41.7	.....	.....
1897, .....	3	38.8	—2.9	.....
1898, .....	3	37.1	—1.7	.....
1899, .....	3	40.9	+3.8	.....
1900, .....	3	41.8	+0.9	.....
1901, .....	3	41.8	—	.....
1902, .....	3	51.0	+9.2	.....
1903, .....	3	48.9	—2.1	.....
1904, .....	3	47.7	—1.2	.....
1905, .....	3	50.9	+3.2	+9.2

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>WIRE.</b>				
1896, .....	4	49.8	.....	.....
1897, .....	4	50.0	+ .2	.....
1898, .....	4	47.4	—2.6	.....
1899, .....	4	43.6	—3.8	.....
1900, .....	4	47.8	+4.2	.....
1901, .....	4	46.9	— .9	.....
1902, .....	4	41.2	—5.7	.....
1903, .....	4	47.3	+6.1	.....
1904, .....	4	42.1	—5.2	.....
1905, .....	4	35.9	—6.2	—13.9
<b>WIRE ROPE.</b>				
1896, .....	2	47.5	.....	.....
1897, .....	2	38.6	—8.9	.....
1898, .....	2	37.9	— .7	.....
1899, .....	2	37.2	— .7	.....
1900, .....	2	70.4	+33.2	.....
1901, .....	2	64.4	—6.0	.....
1902, .....	2	67.8	+3.4	.....
1903, .....	2	65.9	—1.9	.....
1904, .....	2	77.7	+11.8	.....
1905, .....	2	66.4	—11.3	+18.9
<b>WIRE GOODS.</b>				
1896, .....	5	21.0	.....	.....
1897, .....	5	22.6	+1.6	.....
1898, .....	5	19.2	—3.4	.....
1899, .....	5	22.4	+3.2	.....
1900, .....	5	24.9	+2.5	.....
1901, .....	5	30.0	+5.1	.....
1902, .....	5	29.1	— .9	.....
1903, .....	5	27.8	—1.3	.....
1904, .....	5	28.4	+ .6	.....
1905, .....	5	30.1	+1.7	+9.1

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WAGON AND CARRIAGE AXLES AND SPRINGS.

1896, .....	4	30.2	.....	.....
1897, .....	4	29.2	—1.0	.....
1898, .....	4	21.5	—7.7	.....
1899, .....	4	30.1	+8.6	.....
1900, .....	4	31.5	+1.4	.....
1901, .....	4	37.3	+5.8	.....
1902, .....	4	40.7	+3.4	.....
1903, .....	4	35.9	—4.8	.....
1904, .....	4	36.1	+2	.....
1905, .....	4	31.6	—4.5	+1.4

## SCALES, ETC.

1896, .....	3	34.2	.....	.....
1897, .....	3	34.3	+1	.....
1898, .....	3	30.8	—3.5	.....
1899, .....	3	32.2	+1.4	.....
1900, .....	3	32.6	+4	.....
1901, .....	3	31.5	—1.1	.....
1902, .....	3	30.9	—6	.....
1903, .....	3	30.9	.....	.....
1904, .....	3	30.2	—7	.....
1905, .....	3	31.1	+9	—3.1

## STOVES, RANGES, HEATERS, ETC.

1896, .....	28	20.6	.....	.....
1897, .....	28	20.3	—3	.....
1898, .....	28	20.6	+3	.....
1899, .....	28	21.6	+1.0	.....
1900, .....	28	26.2	+4.6	.....
1901, .....	28	24.8	—1.4	.....
1902, .....	28	26.8	+2.0	.....
1903, .....	28	28.7	+1.9	.....
1904, .....	28	25.4	—3.3	.....
1905, .....	28	27.2	+1.8	+6.6

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## BATH BOILERS, TANKS, ETC.

1896, .....	2	54.6	.....	.....
1897, .....	2	48.9	—5.7	.....
1898, .....	2	49.4	+5	.....
1899, .....	2	50.0	+6	.....
1900, .....	2	53.7	+3.7	.....
1901, .....	2	51.8	—1.9	.....
1902, .....	2	49.9	—1.9	.....
1903, .....	2	57.7	+7.8	.....
1904, .....	2	55.4	—2.3	.....
1905, .....	2	54.1	—1.3	—5

## HARDWARE SPECIALTIES.

1896, .....	12	26.6	.....	.....
1897, .....	12	24.7	—1.9	.....
1898, .....	12	24.9	+2	.....
1899, .....	12	27.5	+2.6	.....
1900, .....	12	25.5	—2.0	.....
1901, .....	12	26.4	+9	.....
1902, .....	12	28.7	+2.3	.....
1903, .....	12	23.9	—4.8	.....
1904, .....	12	27.0	+3.1	.....
1905, .....	12	29.5	+2.5	+2.9

## EDGE TOOLS.

1896, .....	12	41.9	.....	.....
1897, .....	12	28.5	—13.4	.....
1898, .....	12	27.4	—1.1	.....
1899, .....	12	28.7	+1.3	.....
1900, .....	12	30.1	+1.4	.....
1901, .....	12	33.6	+3.5	.....
1902, .....	12	32.9	—7	.....
1903, .....	12	29.8	—3.1	.....
1904, .....	12	28.0	—1.8	.....
1905, .....	12	29.2	+1.2	—12.7

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>WRENCHES, PICKS, ETC.</b>				
1896, .....	5	32.5	.....	.....
1897, .....	5	33.0	+ .5	.....
1898, .....	5	29.0	—4.0	.....
1899, .....	5	33.4	+4.4	.....
1900, .....	5	37.1	+3.7	.....
1901, .....	5	31.6	—5.5	.....
1902, .....	5	37.1	+5.5	.....
1903, .....	5	37.3	+ .2	.....
1904, .....	5	38.0	+0.7	.....
1905, .....	5	33.0	—5.0	+ .5
<b>LOCOMOTIVES AND CARS BUILT AND REPAIRED.</b>				
1896, .....	3	54.2	.....	.....
1897, .....	3	50.2	—4.0	.....
1898, .....	3	52.4	+2.2	.....
1899, .....	3	56.2	+3.8	.....
1900, .....	3	57.7	+1.5	.....
1901, .....	3	55.8	—1.9	.....
1902, .....	3	49.9	—5.9	.....
1903, .....	3	44.7	—5.2	.....
1904, .....	3	51.6	+6.9	.....
1905, .....	3	56.5	+4.9	+2.3
<b>WROUGHT IRON PIPE AND TUBES.</b>				
1896, .....	5	66.9	.....	.....
1897, .....	5	62.6	—4.3	.....
1898, .....	5	56.9	—5.7	.....
1899, .....	5	59.2	+2.3	.....
1900, .....	5	60.5	+1.3	.....
1901, .....	5	55.3	—5.2	.....
1902, .....	5	52.7	—2.6	.....
1903, .....	5	55.2	+2.5	.....
1904, .....	5	62.0	+6.8	.....
1905, .....	5	65.1	+3.1	—1.8



# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
CAST IRON PIPE.				
1896, .....	3	66.5	.....	.....
1897, .....	3	64.8	—1.7	.....
1898, .....	3	64.3	— .5	.....
1899, .....	3	67.6	+3.3	.....
1900, .....	3	64.4	—3.2	.....
1901, .....	3	62.6	—1.8	.....
1902, .....	3	62.7	+ .1	.....
1903, .....	3	62.9	+ .2	.....
1904, .....	3	71.0	+8.1	.....
1905, .....	3	69.4	—1.6	+3.4
BRASS, COPPER AND BRONZE GOODS.				
1896, .....	18	51.9	.....	.....
1897, .....	18	55.7	+3.8	.....
1898, .....	18	54.9	— .8	.....
1899, .....	18	60.4	+5.5	.....
1900, .....	18	45.9	—14.5	.....
1901, .....	18	62.0	+16.1	.....
1902, .....	18	59.6	—2.4	.....
1903, .....	18	60.2	+ .6	.....
1904, .....	18	60.0	— .2	.....
1905, .....	18	64.1	+4.1	+12.2
IRON AND STEEL BRIDGES.				
1896, .....	7	58.5	.....	.....
1897, .....	7	55.6	—2.9	.....
1898, .....	7	57.2	+1.6	.....
1899, .....	7	62.7	+5.5	.....
1900, .....	7	64.1	+1.4	.....
1901, .....	7	59.1	—5.0	.....
1902, .....	7	63.4	+4.3	.....
1903, .....	7	78.9	+15.5	.....
1904, .....	7	61.8	—17.1	.....
1905, .....	7	59.8	—2.0	+1.3

19—9—1905.

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## LOCOMOTIVES, STATIONARY ENGINES, ETC.

1896, .....	9	48.1	.....	.....
1897, .....	9	46.1	—2.0	.....
1898, .....	9	41.9	—4.2	.....
1899, .....	9	49.0	+7.1	.....
1900, .....	9	47.0	—2.0	.....
1901, .....	9	45.4	—1.6	.....
1902, .....	9	40.9	—4.5	.....
1903, .....	9	51.3	+10.4	.....
1904, .....	9	44.2	—7.1	.....
1905, .....	9	50.7	+6.5	+2.6

## ENGINES, BOILERS, ETC.

1896, .....	9	48.6	.....	.....
1897, .....	9	50.2	+1.6	.....
1898, .....	9	50.0	+2	.....
1899, .....	9	52.7	+2.7	.....
1900, .....	9	49.8	—2.9	.....
1901, .....	9	49.5	—3	.....
1902, .....	9	52.0	+2.5	.....
1903, .....	9	51.6	—4	.....
1904, .....	9	49.0	—2.6	.....
1905, .....	9	51.3	+2.3	+2.7

## CAR SPRINGS, AXLES AND RAILWAY SUPPLIES.

1896, .....	9	52.1	.....	.....
1897, .....	9	46.1	—6.0	.....
1898, .....	9	32.3	—13.8	.....
1899, .....	9	57.1	+24.8	.....
1900, .....	9	62.9	+5.8	.....
1901, .....	9	66.6	+3.7	.....
1902, .....	9	68.5	+1.9	.....
1903, .....	9	71.3	+2.8	.....
1904, .....	9	74.0	+2.7	.....
1905, .....	9	74.9	+9	+22.8

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## IRON VESSELS AND ENGINES.

1896, .....	3	38.5	.....	.....
1897, .....	3	44.0	+5.5	.....
1898, .....	3	45.2	+1.2	.....
1899, .....	3	55.8	+10.6	.....
1900, .....	3	55.6	—2	.....
1901, .....	3	56.3	+7	.....
1902, .....	3	49.3	—7.0	.....
1903, .....	3	48.9	—4	.....
1904, .....	3	46.0	—2.9	.....
1905, .....	3	46.6	+6	+8.1

## BOILERS, TANKS, STACKS, ETC.

1896, .....	20	32.0	.....	.....
1897, .....	20	45.0	+13.0	.....
1898, .....	20	47.3	+2.3	.....
1899, .....	20	51.5	+4.2	.....
1900, .....	20	52.4	+9	.....
1901, .....	20	54.0	+1.6	.....
1902, .....	20	52.3	—1.7	.....
1903, .....	20	51.5	—8	.....
1904, .....	20	49.5	—2.0	.....
1905, .....	20	49.3	—2	+17.3

## MACHINERY.

1896, .....	18	32.3	.....	.....
1897, .....	18	30.9	—1.4	.....
1898, .....	18	31.3	+4	.....
1899, .....	18	41.0	+9.7	.....
1900, .....	18	34.8	—6.2	.....
1901, .....	18	36.5	+1.7	.....
1902, .....	18	35.9	—6	.....
1903, .....	18	34.0	—1.9	.....
1904, .....	18	32.3	—1.7	.....
1905, .....	18	33.4	+1.1	+1.1

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## FOUNDRIES AND MACHINE SHOPS.

1896, .....	24	33.3	.....	.....
1897, .....	24	35.5	+2.2	.....
1898, .....	24	35.5	.....	.....
1899, .....	24	37.3	+1.8	.....
1900, .....	24	34.6	—2.7	.....
1901, .....	24	35.0	+4	.....
1902, .....	24	39.7	+4.7	.....
1903, .....	24	39.8	+1	.....
1904, .....	24	36.4	—3.4	.....
1905, .....	24	41.7	+5.3	—8.4

## FILES, ETC.

1896, .....	2	29.7	.....	.....
1897, .....	2	28.0	—1.7	.....
1898, .....	2	20.7	—7.3	.....
1899, .....	2	23.0	+2.3	.....
1900, .....	2	23.8	+8	.....
1901, .....	2	20.2	—3.6	.....
1902, .....	2	18.5	—1.7	.....
1903, .....	2	20.3	+1.8	.....
1904, .....	2	29.6	+9.3	.....
1905, .....	2	23.7	—5.9	—6.0

## SAWS.

1896, .....	3	42.0	.....	.....
1897, .....	3	37.5	—4.5	.....
1898, .....	3	36.8	—7	.....
1899, .....	3	37.8	+1.0	.....
1900, .....	3	36.4	—1.4	.....
1901, .....	3	34.9	—1.5	.....
1902, .....	3	34.6	—3	.....
1903, .....	3	34.5	—1	.....
1904, .....	3	35.9	+1.4	.....
1905, .....	3	35.9	.....	—6.1

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>PLUMBER SUPPLIES.</b>				
1896, .....	3	*	.....	.....
1897, .....	3	*	.....	.....
1898, .....	3	*	.....	.....
1899, .....	3	38.4	.....	.....
1900, .....	3	32.6	—5.8	.....
1901, .....	3	33.9	+1.3	.....
1902, .....	3	33.4	—5	.....
1903, .....	3	34.4	—1.0	.....
1904, .....	3	33.7	—0.7	.....
1905, .....	3	29.5	—4.2	—8.9
<b>ELECTRICAL SUPPLIES.</b>				
1896, .....	2	37.0	.....	.....
1897, .....	2	39.6	+2.6	.....
1898, .....	2	34.8	—4.8	.....
1899, .....	2	30.9	—3.9	.....
1900, .....	2	34.7	+3.8	.....
1901, .....	2	34.9	+2	.....
1902, .....	2	41.7	+6.8	.....
1903, .....	2	40.7	—1.0	.....
1904, .....	2	36.2	—4.5	.....
1905, .....	2	35.4	—8	—1.6
<b>SHOVELS, SPADES, SCOOPS, ETC.</b>				
1896, .....	8	38.6	.....	.....
1897, .....	8	34.4	—4.2	.....
1898, .....	8	29.7	—4.7	.....
1899, .....	8	31.2	+1.5	.....
1900, .....	8	35.8	+4.6	.....
1901, .....	8	33.5	—2.3	.....
1902, .....	8	35.1	+1.6	.....
1903, .....	8	49.9	+14.8	.....
1904, .....	8	52.9	+3.0	.....
1905, .....	8	52.4	—5	+13.8

\*Incomplete returns.

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## SAFES AND VAULT DOORS.

1896, .....	2	43.7	.....	.....
1897, .....	2	40.1	—3.6	.....
1898, .....	2	43.1	+3.0	.....
1899, .....	2	41.8	—1.3	.....
1900, .....	2	47.1	+5.3	.....
1901, .....	2	44.6	—2.5	.....
1902, .....	2	56.4	+11.8	.....
1903, .....	2	53.1	—3.3	.....
1904, .....	2	42.3	—10.8	.....
1905, .....	2	34.5	—7.8	—9.2

## METAL AND METALLIC GOODS.

1896, .....	3	29.1	.....	.....
1897, .....	3	27.2	—1.9	.....
1898, .....	3	28.0	+ .8	.....
1899, .....	3	27.4	— .6	.....
1900, .....	3	28.0	+ .6	.....
1901, .....	3	28.9	+ .9	.....
1902, .....	3	31.4	+2.5	.....
1903, .....	3	32.3	+ .9	.....
1904, .....	3	30.6	—1.7	.....
1905, .....	3	41.8	+11.2	+12.7

## BUILDING AND STRUCTURAL IRON WORK.

1896, .....	2	43.8	.....	.....
1897, .....	2	55.0	+11.2	.....
1898, .....	2	60.3	+5.3	.....
1899, .....	2	56.9	—3.4	.....
1900, .....	2	66.8	+9.9	.....
1901, .....	2	51.9	—14.9	.....
1902, .....	2	67.6	+15.7	.....
1903, .....	2	58.4	—9.2	.....
1904, .....	2	59.4	+1.0	.....
1905, .....	2	50.3	—9.1	+6.5



# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease(—) as compared with the preceding year.	Increase(+) or decrease(—) 1905 as compared with 1896.
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## IRON CHAINS.

1896, .....	5	38.4	.....	.....
1897, .....	5	37.6	— .8	.....
1898, .....	5	40.5	+2.9	.....
1899, .....	5	43.2	+2.7	.....
1900, .....	5	47.0	+3.8	.....
1901, .....	5	42.6	—4.4	.....
1902, .....	5	47.2	+4.6	.....
1903, .....	5	54.9	+7.7	.....
1904, .....	5	49.7	—5.2	.....
1905, .....	5	42.2	—7.5	+3.8

## IRON FENCES AND RAILINGS.

1896, .....	7	40.1	.....	.....
1897, .....	7	40.3	+ .2	.....
1898, .....	7	43.8	+3.5	.....
1899, .....	7	51.1	+7.3	.....
1900, .....	7	51.3	+ .2	.....
1901, .....	7	54.4	+3.1	.....
1902, .....	7	56.9	+2.5	.....
1903, .....	7	58.7	+1.8	.....
1904, .....	7	51.3	—7.4	.....
1905, .....	7	53.7	+2.4	+13.6

## AGRICULTURAL IMPLEMENTS.

1896, .....	10	45.7	.....	.....
1897, .....	10	42.1	—3.6	.....
1898, .....	10	41.2	— .9	.....
1899, .....	10	43.4	+2.2	.....
1900, .....	10	46.9	+3.5	.....
1901, .....	10	43.9	—3.0	.....
1902, .....	10	46.2	+2.3	.....
1903, .....	10	46.0	— .2	.....
1904, .....	10	46.3	+ .3	.....
1905, .....	10	39.4	—6.9	—6.3

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## STEAM PUMPS.

1896, .....	2	43.9	.....	.....
1897, .....	2	51.1	+7.2	.....
1898, .....	2	39.5	—11.6	.....
1899, .....	2	42.9	+3.4	.....
1900, .....	2	31.1	—11.8	.....
1901, .....	2	43.4	+12.3	.....
1902, .....	2	36.1	—7.3	.....
1903, .....	2	28.2	—7.9	.....
1904, .....	2	26.4	—1.8	.....
1905, .....	2	30.3	½3.9	—13.6

## PIANOS AND ORGANS.

1896, .....	2	34.5	.....	.....
1897, .....	2	38.8	+4.3	.....
1898, .....	2	42.2	+3.4	.....
1899, .....	2	33.1	—9.1	.....
1900, .....	2	38.6	+5.5	.....
1901, .....	2	42.3	+3.7	.....
1902, .....	2	40.0	—2.3	.....
1903, .....	2	43.5	+3.5	.....
1904, .....	2	38.9	—4.6	.....
1905, .....	2	37.5	—1.4	+3.0

## TINWARE.

1896, .....	5	45.8	.....	.....
1897, .....	5	46.3	+5	.....
1898, .....	5	46.3	.....	.....
1899, .....	5	49.9	+3.6	.....
1900, .....	5	52.4	+2.5	.....
1901, .....	5	52.8	+4	.....
1902, .....	5	54.2	+1.4	.....
1903, .....	5	53.2	—1.0	.....
1904, .....	5	52.8	—4	.....
1905, .....	5	53.7	+9	+7.9

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## PAPER MANUFACTORIES.

1896, .....	8	47.0	.....	.....
1897, .....	8	43.9	—3.1	.....
1898, .....	8	44.8	+ .9	.....
1899, .....	8	40.9	—3.9	.....
1900, .....	8	37.4	—3.5	.....
1901, .....	8	38.9	+1.5	.....
1902, .....	8	39.8	+ .9	.....
1903, .....	8	42.1	+2.3	.....
1904, .....	8	40.4	—1.7	.....
1905, .....	8	40.1	— .3	—6.9

## WALL PAPER.

1896, .....	3	50.3	.....	.....
1897, .....	3	47.9	—2.4	.....
1898, .....	3	51.0	+3.1	.....
1899, .....	3	50.2	— .8	.....
1900, .....	3	51.4	+1.2	.....
1901, .....	3	63.6	+12.2	.....
1902, .....	3	63.8	+ .2	.....
1903, .....	3	61.2	—2.6	.....
1904, .....	3	58.0	—3.2	.....
1905, .....	3	59.9	+1.9	+9.6

## CIGARS.

1896, .....	43	37.9	.....	.....
1897, .....	43	40.5	+2.6	.....
1898, .....	43	41.2	+ .7	.....
1899, .....	43	39.1	—2.1	.....
1900, .....	43	38.9	— .2	.....
1901, .....	43	38.3	— .6	.....
1902, .....	43	32.7	—5.6	.....
1903, .....	43	36.2	+3.5	.....
1904, .....	43	39.8	+3.6	.....
1905, .....	43	42.7	+2.9	+4.8

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION—  
Continued.COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## BOOK BINDING.

1896, .....	3	37.3	.....	.....
1897, .....	3	38.2	+ .9	.....
1898, .....	3	36.3	—1.9	.....
1899, .....	3	37.1	+ .8	.....
1900, .....	3	38.5	+1.4	.....
1901, .....	3	40.2	+1.7	.....
1902, .....	3	38.5	—1.7	.....
1903, .....	3	37.6	— .9	.....
1904, .....	3	34.6	—3.0	.....
1905, .....	3	30.1	—4.5	—7.2

## CORDAGE, ROPE AND TWINE.

1896, .....	5	70.4	.....	.....
1897, .....	5	73.9	+3.5	.....
1898, .....	5	71.2	—2.7	.....
1899, .....	5	72.5	+1.3	.....
1900, .....	5	77.1	+4.6	.....
1901, .....	5	76.2	— .9	.....
1902, .....	5	74.2	—2.0	.....
1903, .....	5	70.9	—3.3	.....
1904, .....	5	71.2	+0.3	.....
1905, .....	5	71.3	+ .1	+ .9

PAPER, PAPER BOXES, EN-  
VELOPES, ETC.

1896, .....	26	46.4	.....	.....
1897, .....	26	46.9	+ .5	.....
1898, .....	26	45.4	—1.5	.....
1899, .....	26	45.3	— .1	.....
1900, .....	26	48.7	+3.4	.....
1901, .....	26	46.5	—2.2	.....
1902, .....	26	45.4	—1.1	.....
1903, .....	26	46.6	+1.2	.....
1904, .....	26	49.3	+2.7	.....
1905, .....	26	49.9	+ .6	+3.5

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase( + or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## POTTERY.

1896, .....	2	32.9	.....	.....
1897, .....	2	29.3	—3.6	.....
1898, .....	2	25.0	—4.3	.....
1899, .....	2	22.4	—2.6	.....
1900, .....	2	27.8	+5.4	.....
1901, .....	2	29.4	+1.6	.....
1902, .....	2	22.8	—6.6	.....
1903, .....	2	33.6	+10.8	.....
1904, .....	2	28.7	—4.9	.....
1905, .....	2	27.1	—1.6	—5.8

## PAVING BRICK.

1896, .....	7	9.9	.....	.....
1897, .....	7	7.2	—2.7	.....
1898, .....	7	6.3	— .9	.....
1899, .....	7	8.0	+1.7	.....
1900, .....	7	12.0	+4.0	.....
1901, .....	7	9.0	—3.0	.....
1902, .....	7	10.5	+1.5	.....
1903, .....	7	9.4	—1.1	.....
1904, .....	7	10.5	+1.1	.....
1905, .....	7	15.4	+4.9	+5.5

## BUILDING BRICK.

1896, .....	30	10.2	.....	.....
1897, .....	30	10.7	+ .5	.....
1898, .....	30	11.1	+ .4	.....
1899, .....	30	9.9	—1.2	.....
1900, .....	30	10.4	+ .5	.....
1901, .....	30	10.5	+ .1	.....
1902, .....	30	9.7	— .8	.....
1903, .....	30	9.2	— .5	.....
1904, .....	30	7.8	—1.4	.....
1905, .....	30	9.2	+1.4	—1.0

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION—  
Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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FIRE BRICK.

1896, .....	17	25.8	.....	.....
1897, .....	17	24.4	—1.4	.....
1898, .....	17	21.8	—2.6	.....
1899, .....	17	22.2	+4	.....
1900, .....	17	22.2	.....	.....
1901, .....	17	22.5	+3	.....
1902, .....	17	21.3	—1.2	.....
1903, .....	17	22.1	+8	.....
1904, .....	17	28.8	+6.7	.....
1905, .....	17	21.4	—7.4	—4.4

SLATE ROOFING, ETC., TON-  
NAGE.

1896, .....	6	8.3	.....	.....
1897, .....	6	7.1	—1.2	.....
1898, .....	6	6.0	—1.1	.....
1899, .....	6	6.8	+8	.....
1900, .....	6	5.4	—1.4	.....
1901, .....	6	5.8	+4	.....
1902, .....	6	11.1	+5.3	.....
1903, .....	6	9.9	—1.2	.....
1904, .....	6	12.1	+2.2	.....
1905, .....	6	12.4	+3	+4.1

SLATE ROOFING, ETC.,  
SQUARES.

1896, .....	14	9.4	.....	.....
1897, .....	14	9.1	—3	.....
1898, .....	14	9.2	+1	.....
1899, .....	14	8.6	—6	.....
1900, .....	14	7.8	—8	.....
1901, .....	14	8.9	+1.1	.....
1902, .....	14	8.7	—2	.....
1903, .....	14	7.8	—9	.....
1904, .....	14	11.3	+3.5	.....
1905, .....	14	11.2	—1	+1.8



# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WINDOW GLASS, BOTTLES AND TABLE GOODS.

1896, .....	20	25.3	.....	.....
1897, .....	20	24.4	— .9	.....
1898, .....	20	20.7	— 3.7	.....
1899, .....	20	21.4	+ .7	.....
1900, .....	20	20.4	— 1.0	.....
1901, .....	20	20.6	+ .2	.....
1902, .....	20	21.1	+ .5	.....
1903, .....	20	21.6	+ .5	.....
1904, .....	20	22.4	+ .8	.....
1905, .....	20	24.0	+ 1.6	— 1.3

## GLAZED ON CHROME KID.

1896, .....	7	70.0	.....	.....
1897, .....	7	66.8	— 3.2	.....
1898, .....	7	63.8	— 3.0	.....
1899, .....	7	67.4	+ 3.6	.....
1900, .....	7	62.0	— 5.4	.....
1901, .....	7	49.3	— 12.7	.....
1902, .....	7	49.1	— .2	.....
1903, .....	7	61.0	+ 11.9	.....
1904, .....	7	61.1	+ 0.1	.....
1905, .....	7	64.1	+ 3.0	— 5.9

## MEN'S, WOMEN'S, MISSES AND CHILDREN'S SHOES.

1896, .....	13	54.4	.....	.....
1897, .....	13	56.8	+ 2.4	.....
1898, .....	13	56.0	— .8	.....
1899, .....	13	54.5	— 1.5	.....
1900, .....	13	55.5	+ 1.0	.....
1901, .....	13	57.4	+ 1.9	.....
1902, .....	13	60.5	+ 3.1	.....
1903, .....	13	59.4	— 1.1	.....
1904, .....	13	59.5	+ 0.1	.....
1905, .....	13	63.3	+ 3.8	+ 8.9

## COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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### SUSPENDERS.

1896, .....	2	63.0	.....	.....
1897, .....	2	66.9	+3.9	.....
1898, .....	2	62.6	—4.3	.....
1899, .....	2	65.2	+2.6	.....
1900, .....	2	70.5	+5.3	.....
1901, .....	2	67.9	—2.6	.....
1902, .....	2	70.2	+2.3	.....
1903, .....	2	69.2	—1.0	.....
1904, .....	2	70.3	+1.1	.....
1905, .....	2	68.5	—1.8	+5.5

### HATS AND CAPS.

1896, .....	3	54.1	.....	.....
1897, .....	3	52.9	—1.2	.....
1898, .....	3	51.2	—1.7	.....
1899, .....	3	62.0	+10.8	.....
1900, .....	3	56.4	—5.6	.....
1901, .....	3	44.7	—11.7	.....
1902, .....	3	47.3	+2.6	.....
1903, .....	3	46.1	—1.2	.....
1904, .....	3	42.3	—3.8	.....
1905, .....	3	41.0	—1.3	—13.1

### FUR AND FELT HATS.

1896, .....	4	30.6	.....	.....
1897, .....	4	30.6	.....	.....
1898, .....	4	28.6	—2.0	.....
1899, .....	4	29.4	+ .8	.....
1900, .....	4	29.3	— .1	.....
1901, .....	4	29.6	+ .3	.....
1902, .....	4	28.9	— .7	.....
1903, .....	4	29.8	+ .9	.....
1904, .....	4	27.8	—2.0	.....
1905, .....	4	27.8	.....	—2.8

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903 AND 1904.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WOOL HATS.

1896, .....	6	50.2	.....	.....
1897, .....	6	50.9	+ .7	.....
1898, .....	6	47.1	—3.8	.....
1899, .....	6	42.0	—5.1	.....
1900, .....	6	49.6	+7.6	.....
1901, .....	6	48.4	—1.2	.....
1902, .....	6	48.5	+ .1	.....
1903, .....	6	56.6	+8.1	.....
1904, .....	6	59.2	+2.6	.....
1905, .....	6	60.6	+1.4	+10.4

## UMBRELLAS AND PARASOLS.

1896, .....	4	59.1	.....	.....
1897, .....	4	59.7	+ .6	.....
1898, .....	4	65.2	+5.5	.....
1899, .....	4	56.4	—8.8	.....
1900, .....	4	67.8	+11.4	.....
1901, .....	4	73.0	+5.2	.....
1902, .....	4	73.4	+ .4	.....
1903, .....	4	72.7	— .7	.....
1904, .....	4	70.6	—2.1	.....
1905, .....	4	69.2	—1.4	+10.1

## DRESS TRIMMINGS, BRAIDS, ETC.

1896, .....	8	44.0	.....	.....
1897, .....	8	46.6	+2.6	.....
1898, .....	8	51.3	+4.7	.....
1899, .....	8	43.8	—7.5	.....
1900, .....	8	46.9	+3.1	.....
1901, .....	8	47.1	+ .2	.....
1902, .....	8	47.0	— .1	.....
1903, .....	8	50.9	+3.9	.....
1904, .....	8	47.7	—3.2	.....
1905, .....	8	53.8	+6.1	+9.8

## COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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### SHIRTS AND SHIRT WAISTS.

1896, .....	8	46.6	.....	.....
1897, .....	8	49.9	+3.3	.....
1898, .....	8	52.1	+2.2	.....
1899, .....	8	49.9	—2.2	.....
1900, .....	8	49.9	.....	.....
1901, .....	8	48.2	—1.7	.....
1902, .....	8	47.9	— .3	.....
1903, .....	8	49.1	+1.2	.....
1904, .....	8	50.2	+1.1	.....
1905, .....	8	51.9	+1.7	+5.3

### NECKWEAR.

1896, .....	3	57.0	.....	.....
1897, .....	3	56.8	— .2	.....
1898, .....	3	57.1	+ .3	.....
1899, .....	3	59.8	+2.7	.....
1900, .....	3	59.7	— .1	.....
1901, .....	3	61.8	+2.1	.....
1902, .....	3	62.9	+1.1	.....
1903, .....	3	61.1	—1.8	.....
1904, .....	3	58.3	—2.8	.....
1905, .....	3	61.7	+3.4	+4.7

### COTTON AND WOOLEN CLOTHS.

1896, .....	19	52.5	.....	.....
1897, .....	19	58.2	+5.7	.....
1898, .....	19	56.5	—1.7	.....
1899, .....	19	57.7	+1.2	.....
1900, .....	19	55.2	—2.5	.....
1901, .....	19	54.9	— .3	.....
1902, .....	19	59.5	+4.6	.....
1903, .....	19	51.9	—7.6	.....
1904, .....	19	56.2	+4.3	.....
1905, .....	19	60.1	+3.9	+7.6

**COST OF BASIC MATERIAL TO VALUE OF PRODUCTION—**  
Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>CARPETS.</b>				
1896, .....	17	58.7	.....	.....
1897, .....	17	60.8	+2.1	.....
1898, .....	17	59.1	—1.7	.....
1899, .....	17	58.8	— .3	.....
1900, .....	17	60.7	+1.9	.....
1901, .....	17	59.3	—1.4	.....
1902, .....	17	60.1	+ .8	.....
1903, .....	17	58.4	—1.7	.....
1904, .....	17	61.5	+3.1	.....
1905, .....	17	61.5	.....	+2.8
<b>COTTON GOODS.</b>				
1896, .....	13	54.6	.....	.....
1897, .....	13	51.6	—3.0	.....
1898, .....	13	48.7	—2.9	.....
1899, .....	13	48.3	— .4	.....
1900, .....	13	49.5	+1.2	.....
1901, .....	13	50.8	+1.3	.....
1902, .....	13	48.6	—2.2	.....
1903, .....	13	50.1	+1.5	.....
1904, .....	13	51.0	+ .9	.....
1905, .....	13	52.7	+1.7	—1.9
<b>WOOLEN AND WORSTED CAS- SIMERES.</b>				
1896, .....	10	52.2	.....	.....
1897, .....	10	55.1	+2.9	.....
1898, .....	10	56.4	+1.3	.....
1899, .....	10	57.9	+1.5	.....
1900, .....	10	51.1	—6.8	.....
1901, .....	10	52.3	+1.2	.....
1902, .....	10	51.8	— .5	.....
1903, .....	10	53.9	+2.1	.....
1904, .....	10	48.3	—5.6	.....
1905, .....	10	58.3	+10.0	+6.1

20—9—1905.

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WOOLEN AND WORSTED FABRICS.

1896, .....	13	54.0	.....	.....
1897, .....	13	56.8	+2.8	.....
1898, .....	13	58.0	+1.2	.....
1899, .....	13	59.0	+1.0	.....
1900, .....	13	59.0	.....	.....
1901, .....	13	59.7	+7	.....
1902, .....	13	60.8	+1.1	.....
1903, .....	13	57.5	—3.3	.....
1904, .....	13	63.7	+6.2	.....
1905, .....	13	62.6	—1.1	+8.6

## WOOLEN AND WORSTED YARNS.

1896, .....	12	60.2	.....	.....
1897, .....	12	67.9	+7.7	.....
1898, .....	12	52.2	—15.7	.....
1899, .....	12	50.2	—2.0	.....
1900, .....	12	55.9	+5.7	.....
1901, .....	12	66.8	+10.9	.....
1902, .....	12	58.5	—8.3	.....
1903, .....	12	64.6	+6.1	.....
1904, .....	12	66.4	+1.8	.....
1905, .....	12	69.4	+3.0	+9.2

## RUGS, YARNS, ETC.

1896, .....	4	45.9	.....	.....
1897, .....	4	44.5	—1.4	.....
1898, .....	4	42.4	—2.1	.....
1899, .....	4	41.5	—9	.....
1900, .....	4	42.5	+1.0	.....
1901, .....	4	46.0	+3.5	.....
1902, .....	4	45.8	—2	.....
1903, .....	4	48.9	+3.1	.....
1904, .....	4	48.3	—6	.....
1905, .....	4	49.4	+1.1	+3.5



# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
CARPET YARNS.				
1896, .....	10	68.3	.....	.....
1897, .....	10	72.4	+4.1	.....
1898, .....	10	72.4	.....	.....
1899, .....	10	70.9	-1.5	.....
1900, .....	10	68.2	-2.7	.....
1901, .....	10	69.2	+1.0	.....
1902, .....	10	70.2	+1.0	.....
1903, .....	10	71.4	+1.2	.....
1904, .....	10	73.7	+2.3	.....
1905, .....	10	75.1	+1.4	+6.8
COTTON YARNS.				
1896, .....	6	66.9	.....	.....
1897, .....	6	65.4	-1.5	.....
1898, .....	6	61.1	-4.3	.....
1899, .....	6	60.3	-.8	.....
1900, .....	6	62.7	+2.4	.....
1901, .....	6	63.3	+.6	.....
1902, .....	6	65.1	+1.8	.....
1903, .....	6	65.6	+.5	.....
1904, .....	6	72.1	+6.5	.....
1905, .....	6	67.3	-4.8	+.4
WORSTED, WOOLEN AND COT- TON YARNS.				
1896, .....	8	61.4	.....	.....
1897, .....	8	64.6	+3.2	.....
1898, .....	8	63.8	-.8	.....
1899, .....	8	62.6	-1.2	.....
1900, .....	8	66.2	+3.6	.....
1901, .....	8	65.1	-1.1	.....
1902, .....	8	68.9	+3.8	.....
1903, .....	8	68.4	-.5	.....
1904, .....	8	69.0	+.6	.....
1905, .....	8	73.6	+4.6	+12.2

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 AND 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WOOLEN BLANKETS, FLAN- NELS, ETC.

1896, .....	5	48.4	.....	.....
1897, .....	5	52.3	+8.9	.....
1898, .....	5	53.8	+1.5	.....
1899, .....	5	49.9	—3.9	.....
1900, .....	5	44.0	—5.9	.....
1901, .....	5	53.2	+9.2	.....
1902, .....	5	55.2	+2.0	.....
1903, .....	5	53.5	—1.7	.....
1904, .....	5	59.8	+6.3	.....
1905, .....	5	59.1	— .7	+10.7

## LACE GOODS.

1896, .....	8	20.9	.....	.....
1897, .....	8	23.2	+2.3	.....
1898, .....	8	23.8	+ .6	.....
1899, .....	3	26.8	+3.0	.....
1900, .....	3	28.7	+1.9	.....
1901, .....	3	30.6	+1.9	.....
1902, .....	3	24.7	—5.9	.....
1903, .....	3	26.6	+1.9	.....
1904, .....	3	28.6	+2.0	.....
1905, .....	3	29.6	+1.0	+8.7

## CHENILLE GOODS.

1896, .....	2	59.6	.....	.....
1897, .....	2	57.6	—2.0	.....
1898, .....	2	62.1	+4.5	.....
1899, .....	2	55.8	—6.3	.....
1900, .....	2	57.4	+1.6	.....
1901, .....	2	54.9	—2.5	.....
1902, .....	2	50.6	—4.3	.....
1903, .....	2	49.4	—1.2	.....
1904, .....	2	56.5	+7.1	.....
1905, .....	2	72.4	+15.9	+12.8

# COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase( + or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
UPHOLSTERY GOODS.				
1896, .....	7	55.0	.....	.....
1897, .....	7	53.7	—1.3	.....
1898, .....	7	55.0	+1.3	.....
1899, .....	7	53.3	—1.7	.....
1900, .....	7	52.3	—1.0	.....
1901, .....	7	48.5	—3.8	.....
1902, .....	7	46.9	—1.6	.....
1903, .....	7	48.5	+1.6	.....
1904, .....	7	46.7	—1.8	.....
1905, .....	7	47.3	+ .6	—7.7

## KNIT GOODS, UNDERWEAR.

1896, .....	13	59.1	.....	.....
1897, .....	13	57.7	—1.4	.....
1898, .....	13	58.9	+1.2	.....
1899, .....	13	57.5	—1.4	.....
1900, .....	13	67.5	+10.0	.....
1901, .....	13	64.2	—3.3	.....
1902, .....	13	65.4	+1.2	.....
1903, .....	13	61.1	—4.4	.....
1904, .....	13	66.0	+4.9	.....
1905, .....	13	64.6	—1.4	+5.5

## HOSIERY.

1896, .....	31	43.4	.....	.....
1897, .....	31	46.9	+3.5	.....
1898, .....	31	47.4	+ .5	.....
1899, .....	31	44.0	—3.4	.....
1900, .....	31	45.3	+1.3	.....
1901, .....	31	45.0	— .3	.....
1902, .....	31	44.4	— .6	.....
1903, .....	31	42.2	—2.2	.....
1904, .....	31	44.3	+2.1	.....
1905, .....	31	43.7	— .6	+ .3

## COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME  
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,  
1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.</b>				
1896, .....	5	69.1	.....	.....
1897, .....	5	69.4	+3	.....
1898, .....	5	67.9	—1.5	.....
1899, .....	5	68.1	+2	.....
1900, .....	5	73.3	+5.2	.....
1901, .....	5	64.6	—8.7	.....
1902, .....	5	60.0	—4.6	.....
1903, .....	5	66.9	+6.9	.....
1904, .....	5	62.7	—4.2	.....
1905, .....	5	65.5	+2.8	—3.6
<b>SILK—BROAD GOODS AND RIB- BONS.</b>				
1896, .....	2	48.3	.....	.....
1897, .....	2	42.1	—6.2	.....
1898, .....	2	41.4	—7	.....
1899, .....	2	42.3	+9	.....
1900, .....	2	40.5	—1.8	.....
1901, .....	2	37.5	—3.0	.....
1902, .....	2	42.7	+5.2	.....
1903, .....	2	50.4	+7.7	.....
1904, .....	2	66.0	+15.6	.....
1905, .....	2	52.0	—14.0	+3.7
<b>SILK RIBBONS.</b>				
1896, .....	3	41.0	.....	.....
1897, .....	3	47.9	+6.9	.....
1898, .....	3	45.6	—2.3	.....
1899, .....	3	48.2	+2.6	.....
1900, .....	3	38.1	—10.1	.....
1901, .....	3	43.9	+5.8	.....
1902, .....	3	45.9	+2.0	.....
1903, .....	3	51.1	+5.2	.....
1904, .....	3	55.7	+4.6	.....
1905, .....	3	54.3	—1.4	+13.3

## RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the relative per cent. of wages to value of production by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments are considered.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(—) or decrease (+) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>TOOL STEEL.</b>				
1896, .....	3	20.4	.....	.....
1897, .....	3	27.5	+7.1	.....
1898, .....	3	34.4	+6.9	.....
1899, .....	3	29.4	—5.0	.....
1900, .....	3	22.6	—6.8	.....
1901, .....	3	19.9	—2.7	.....
1902, .....	3	25.3	+5.4	.....
1903, .....	3	21.8	—3.5	.....
1904, .....	3	20.6	—1.2	.....
1905, .....	3	17.8	—2.8	—2.6
<b>IRON AND STEEL FORGINGS.</b>				
1896, .....	5	31.5	.....	.....
1897, .....	5	39.8	+8.3	.....
1898, .....	5	37.2	—2.6	.....
1899, .....	5	28.7	+1.5	.....
1900, .....	5	32.3	—6.4	.....
1901, .....	5	31.3	—1.0	.....
1902, .....	5	31.1	— .2	.....
1903, .....	5	29.9	—1.2	.....
1904, .....	5	27.8	—2.1	.....
1905, .....	5	17.8	—10.0	—13.7
<b>MALLEABLE IRON.</b>				
1896, .....	4	36.7	.....	.....
1897, .....	4	39.8	+3.1	.....
1898, .....	4	33.9	—5.9	.....
1899, .....	4	33.1	— .8	.....
1900, .....	4	34.9	+1.8	.....
1901, .....	4	43.6	+8.7	.....
1902, .....	4	43.9	+ .3	.....
1903, .....	4	40.7	—3.2	.....
1904, .....	4	37.9	—2.8	.....
1905, .....	4	35.4	—2.5	—1.3

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## BOLTS, NUTS, ETC.

1896, .....	7	29.3	.....	.....
1897, .....	7	25.3	—4.0	.....
1898, .....	7	24.8	— .5	.....
1899, .....	7	20.1	—4.7	.....
1900, .....	7	18.6	—1.5	.....
1901, .....	7	23.0	+4.4	.....
1902, .....	7	20.8	—2.2	.....
1903, .....	7	22.3	+1.5	.....
1904, .....	7	27.1	+4.8	.....
1905, .....	7	22.6	—4.5	—6.7

## WIRE NAILS, RIVETS, ETC.

1896, .....	3	14.8	.....	.....
1897, .....	3	16.6	+1.8	.....
1898, .....	3	17.1	+ .5	.....
1899, .....	3	12.4	—4.7	.....
1900, .....	3	12.7	+ .3	.....
1901, .....	3	14.5	+1.8	.....
1902, .....	3	16.3	+1.8	.....
1903, .....	3	16.2	— .1	.....
1904, .....	3	17.2	+1.0	.....
1905, .....	3	15.1	—2.1	+ .3

## TACKS AND SMALL NAILS.

1896, .....	3	28.9	.....	.....
1897, .....	3	29.3	+ .4	.....
1898, .....	3	24.1	—5.2	.....
1899, .....	3	25.6	+1.5	.....
1900, .....	3	24.0	—1.6	.....
1901, .....	3	24.0	.....	.....
1902, .....	3	23.1	— .9	.....
1903, .....	3	24.7	+1.6	.....
1904, .....	3	24.0	— .7	.....
1905, .....	3	23.6	— .4	—5.3



# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase (—) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WIRE.

1896, .....	4	18.9	.....	.....
1897, .....	4	18.0	— .9	.....
1898, .....	4	22.7	+4.7	.....
1899, .....	4	25.3	+2.6	.....
1900, .....	4	22.9	—2.4	.....
1901, .....	4	23.2	+ .3	.....
1902, .....	4	27.4	+4.2	.....
1903, .....	4	24.6	—2.8	.....
1904, .....	4	31.7	+7.1	.....
1905, .....	4	26.5	—5.2	+7.6

## WIRE ROPE.

1896, .....	2	11.4	.....	.....
1897, .....	2	12.5	+1.1	.....
1898, .....	2	13.6	+1.1	.....
1899, .....	2	11.7	—1.9	.....
1900, .....	2	11.2	— .5	.....
1901, .....	2	10.0	—1.2	.....
1902, .....	2	11.6	+1.6	.....
1903, .....	2	11.8	+ .2	.....
1904, .....	2	13.7	+1.9	.....
1905, .....	2	10.0	—3.7	—1.4

## WIRE GOODS.

1896, .....	5	25.1	.....	.....
1897, .....	5	25.8	— .3	.....
1898, .....	5	19.6	—6.2	.....
1899, .....	5	20.9	+1.3	.....
1900, .....	5	18.8	—2.1	.....
1901, .....	5	19.3	+ .5	.....
1902, .....	5	21.1	+1.8	.....
1903, .....	5	23.3	+2.2	.....
1904, .....	5	21.5	—1.8	.....
1905, .....	5	23.2	+1.7	—2.0

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WAGON AND CARRIAGE AXLES AND SPRINGS.

1896, .....	4	31.8	.....	.....
1897, .....	4	32.9	+1.1	.....
1898, .....	4	33.0	+ .1	.....
1899, .....	4	28.5	—4.5	.....
1900, .....	4	32.5	+4.0	.....
1901, .....	4	35.5	+3.0	.....
1902, .....	4	32.1	—3.4	.....
1903, .....	4	31.5	— .6	.....
1904, .....	4	30.9	— .6	.....
1905, .....	4	31.0	+ .1	— .8

## SCALES.

1896, .....	3	28.1	.....	.....
1897, .....	3	27.6	— .5	.....
1898, .....	3	26.2	—1.4	.....
1899, .....	3	27.9	+1.7	.....
1900, .....	3	27.8	— .1	.....
1901, .....	3	27.5	— .3	.....
1902, .....	3	27.0	— .5	.....
1903, .....	3	27.0	.....	.....
1904, .....	3	25.0	—2.0	.....
1905, .....	3	31.0	+6.0	+2.9

## STOVES, RANGES, HEATERS, ETC.

1896, .....	28	39.5	.....	.....
1897, .....	28	39.3	— .2	.....
1898, .....	28	41.4	+2.1	.....
1899, .....	28	39.3	—2.1	.....
1900, .....	28	39.6	+ .3	.....
1901, .....	28	41.2	+1.6	.....
1902, .....	28	40.9	— .3	.....
1903, .....	28	39.8	—1.1	.....
1904, .....	28	40.1	+ .3	.....
1905, .....	28	40.4	+ .3	+ .9

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase (—) or decrease (—) as compared with the preceding year.	Increase (—) or decrease (—) 1905 as compared with 1896.
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## BATH BOILERS, TANKS, ETC.

1896, .....	2	19.8	.....	.....
1897, .....	2	19.6	— .2	.....
1898, .....	2	21.9	+ 2.3	.....
1899, .....	2	21.7	— .2	.....
1900, .....	2	20.3	— 1.4	.....
1901, .....	2	20.9	+ .6	.....
1902, .....	2	19.4	— 1.5	.....
1903, .....	2	20.0	+ .6	.....
1904, .....	2	18.4	— 1.6	.....
1905, .....	2	15.5	— 2.9	— 4.3

## HARDWARE SPECIALTIES.

1896, .....	12	42.0	.....	.....
1897, .....	12	39.0	— 3.0	.....
1898, .....	12	39.7	+ .7	.....
1899, .....	12	36.8	— 2.9	.....
1900, .....	12	36.4	— .4	.....
1901, .....	12	36.9	+ .5	.....
1902, .....	12	37.8	+ .9	.....
1903, .....	12	35.8	— 2.0	.....
1904, .....	12	36.0	+ .2	.....
1905, .....	12	34.4	— 1.6	— 7.6

## EDGE TOOLS.

1896, .....	12	32.9	.....	.....
1897, .....	12	39.0	+ 6.1	.....
1898, .....	12	37.6	— 1.4	.....
1899, .....	12	34.1	— 3.5	.....
1900, .....	12	31.4	— 2.7	.....
1901, .....	12	33.2	+ 1.8	.....
1902, .....	12	30.8	— 2.4	.....
1903, .....	12	32.2	+ 1.4	.....
1904, .....	12	32.2	.....	.....
1905, .....	12	32.7	+ .5	— .2

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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WRENCHES, PICKS, ETC.

1896, .....	5	29.3	.....	.....
1897, .....	5	26.6	—2.7	.....
1898, .....	5	28.1	+1.5	.....
1899, .....	5	26.2	—1.9	.....
1900, .....	5	26.7	+ .5	.....
1901, .....	5	25.7	—1.0	.....
1902, .....	5	30.3	+4.6	.....
1903, .....	5	27.9	—2.4	.....
1904, .....	5	30.0	+2.1	.....
1905, .....	5	26.7	—3.3	—2.6

LOCOMOTIVES AND CARS  
BUILT AND REPAIRED.

1896, .....	3	43.4	.....	.....
1897, .....	3	46.2	+2.8	.....
1898, .....	3	42.6	—3.6	.....
1899, .....	3	40.4	—2.2	.....
1900, .....	3	39.0	—1.4	.....
1901, .....	3	39.5	+ .5	.....
1902, .....	3	44.0	+4.5	.....
1903, .....	3	48.4	+4.4	.....
1904, .....	3	42.5	—5.9	.....
1905, .....	3	38.1	—4.4	—5.3

WROUGHT IRON PIPE AND  
TUBES.

1896, .....	5	18.2	.....	.....
1897, .....	5	18.0	— .2	.....
1898, .....	5	16.9	—1.1	.....
1899, .....	5	17.5	+ .6	.....
1900, .....	5	12.1	—5.4	.....
1901, .....	5	12.1	.....	.....
1902, .....	5	12.9	+ .8	.....
1903, .....	5	14.3	+1.4	.....
1904, .....	5	15.5	+1.2	.....
1905, .....	5	17.3	+1.8	— .9

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## CAST IRON PIPE.

1896, .....	3	24.3	.....	.....
1897, .....	3	21.2	—3.1	.....
1898, .....	3	20.1	—1.1	.....
1899, .....	3	19.3	— .8	.....
1900, .....	3	20.5	+1.2	.....
1901, .....	3	20.0	— .5	.....
1902, .....	3	19.0	—1.0	.....
1903, .....	3	26.0	+7.0	.....
1904, .....	3	21.6	—4.4	.....
1905, .....	3	20.6	—1.0	—3.7

## BRASS, COPPER AND BRONZE GOODS.

1896, .....	18	22.0	.....	.....
1897, .....	18	23.7	+1.7	.....
1898, .....	18	23.5	— .2	.....
1899, .....	18	18.4	—5.1	.....
1900, .....	18	21.0	+2.6	.....
1901, .....	18	20.6	— .4	.....
1902, .....	18	21.1	+ .5	.....
1903, .....	18	23.8	+2.7	.....
1904, .....	18	22.3	—1.5	.....
1905, .....	18	18.4	—3.9	—3.6

## IRON AND STEEL BRIDGES.

1896, .....	7	17.2	.....	.....
1897, .....	7	18.1	+ .9	.....
1898, .....	7	17.4	— .7	.....
1899, .....	7	14.2	—3.2	.....
1900, .....	7	14.3	+ .1	.....
1901, .....	7	18.3	+4.0	.....
1902, .....	7	15.9	—2.4	.....
1903, .....	7	14.4	—1.5	.....
1904, .....	7	16.4	+2.0	.....
1905, .....	7	16.5	+ .1	— .7

## RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
1896, .....	9	35.6	.....	.....
1897, .....	9	35.6	.....	.....
1898, .....	9	35.5	—1	.....
1899, .....	9	32.8	—2.7	.....
1900, .....	9	29.6	—3.2	.....
1901, .....	9	30.7	+1.1	.....
1902, .....	9	30.9	+2	.....
1903, .....	9	29.4	—1.5	.....
1904, .....	9	33.0	+3.6	.....
1905, .....	9	28.1	—4.9	—7.5
ENGINES, BOILERS, ETC.				
1896, .....	9	30.3	.....	.....
1897, .....	9	30.9	+6	.....
1898, .....	9	31.7	+8	.....
1899, .....	9	24.9	—6.8	.....
1900, .....	9	25.2	+3	.....
1901, .....	9	27.2	+2.0	.....
1902, .....	9	25.6	—1.6	.....
1903, .....	9	28.1	+2.5	.....
1904, .....	9	29.5	+1.4	.....
1905, .....	9	28.5	—1.0	—1.8
CAR SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896, .....	9	23.4	.....	.....
1897, .....	9	23.4	.....	.....
1898, .....	9	19.2	—4.2	.....
1899, .....	9	18.9	—3	.....
1900, .....	9	16.7	—2.2	.....
1901, .....	9	18.9	+2.2	.....
1902, .....	9	14.8	—4.1	.....
1903, .....	9	14.0	+8	.....
1904, .....	9	21.0	+7.0	.....
1905, .....	9	17.6	—3.4	—5.8



# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	of es- Number tablish- ments consid- ered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## IRON VESSELS AND ENGINES.

1896, .....	3	46.5	.....	.....
1897, .....	3	41.0	—5.5	.....
1898, .....	3	43.4	+2.4	.....
1899, .....	3	37.4	—6.0	.....
1900, .....	3	29.3	—8.1	.....
1901, .....	3	33.8	+4.5	.....
1902, .....	3	32.8	—1.0	.....
1903, .....	3	34.7	+1.9	.....
1904, .....	3	36.9	+2.2	.....
1905, .....	3	36.8	—1	—9.7

## BOILERS, TANKS, STACKS, ETC.

1896, .....	20	27.4	.....	.....
1897, .....	20	27.6	+2	.....
1898, .....	20	26.0	—1.6	.....
1899, .....	20	22.7	—3.3	.....
1900, .....	20	21.6	—1.1	.....
1901, .....	20	21.9	+3	.....
1902, .....	20	22.9	+1.0	.....
1903, .....	20	22.0	—9	.....
1904, .....	20	23.0	+1.0	.....
1905, .....	20	22.8	—2	—4.6

## MACHINERY.

1896, .....	18	36.3	.....	.....
1897, .....	18	36.1	—2	.....
1898, .....	18	37.2	+1.1	.....
1899, .....	18	37.3	+1	.....
1900, .....	18	32.6	—4.7	.....
1901, .....	18	33.2	+6	.....
1902, .....	18	32.2	—1.0	.....
1903, .....	18	31.4	—8	.....
1904, .....	18	33.3	+1.9	.....
1905, .....	18	29.1	—4.2	—7.2

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## FOUNDRIES AND MACHINE SHOPS.

1896, .....	24	36.0	.....	.....
1897, .....	24	33.3	—2.7	.....
1898, .....	24	32.9	— .4	.....
1899, .....	24	30.1	—2.8	.....
1900, .....	24	29.6	— .5	.....
1901, .....	24	33.2	+3.6	.....
1902, .....	24	31.5	—1.7	.....
1903, .....	24	36.3	+4.8	.....
1904, .....	24	29.5	—6.8	.....
1905, .....	24	27.5	—2.0	—8.5

## FILES, ETC.

1896, .....	2	33.9	.....	.....
1897, .....	2	33.6	— .3	.....
1898, .....	2	29.4	—4.2	.....
1899, .....	2	29.8	+ .4	.....
1900, .....	2	29.4	— .4	.....
1901, .....	2	26.2	—3.2	.....
1902, .....	2	27.4	+1.2	.....
1903, .....	2	28.0	+ .6	.....
1904, .....	2	28.2	+ .2	.....
1905, .....	2	28.5	+ .3	—5.4

## SAWS.

1896, .....	3	29.0	.....	.....
1897, .....	3	30.2	+1.2	.....
1898, .....	3	30.0	— .2	.....
1899, .....	3	28.8	—1.2	.....
1900, .....	3	24.4	—4.4	.....
1901, .....	3	25.9	+1.5	.....
1902, .....	3	27.2	+1.3	.....
1903, .....	3	26.9	— .3	.....
1904, .....	3	27.2	+ .3	.....
1905, .....	3	27.6	+ .4	—1.4

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (-) as compared with the preceding year.	Increase (+) or decrease (-) 1905 as compared with 1896.
<b>PLUMBER SUPPLIES.</b>				
1896, .....	3	38.9	.....	.....
1897, .....	3	39.2	+.3	.....
1898, .....	3	39.5	+.3	.....
1899, .....	3	35.0	-4.5	.....
1900, .....	3	38.8	+3.8	.....
1901, .....	3	36.9	-1.9	.....
1902, .....	3	34.4	-2.5	.....
1903, .....	3	33.4	-1.0	.....
1904, .....	3	34.4	+1.0	.....
1905, .....	3	33.0	-1.4	-5.9
<b>ELECTRICAL SUPPLIES.</b>				
1896, .....	2	35.3	.....	.....
1897, .....	2	34.8	-.5	.....
1898, .....	2	28.1	-6.7	.....
1899, .....	2	24.8	-3.3	.....
1900, .....	2	22.7	-2.1	.....
1901, .....	2	25.2	+2.5	.....
1902, .....	2	25.8	+.6	.....
1903, .....	2	31.1	+5.3	.....
1904, .....	2	23.0	-8.1	.....
1905, .....	2	28.5	+5.5	-6.8
<b>SHOVELS, SPADES, SCOOPS, ETC.</b>				
1896, .....	8	26.8	.....	.....
1897, .....	8	25.2	-1.6	.....
1898, .....	8	23.7	-1.5	.....
1899, .....	8	19.5	-4.2	.....
1900, .....	8	20.3	+.8	.....
1901, .....	8	17.9	-2.4	.....
1902, .....	8	19.7	+1.8	.....
1903, .....	8	22.9	+3.2	.....
1904, .....	8	27.1	+4.2	.....
1905, .....	8	26.4	-.7	-.4

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## SAFES AND VAULT DOORS.

1896, .....	2	36.0	.....	.....
1897, .....	2	38.0	+2.0	.....
1898, .....	2	39.9	+1.9	.....
1899, .....	2	38.2	—1.7	.....
1900, .....	2	30.9	—7.3	.....
1901, .....	2	30.5	— .4	.....
1902, .....	2	29.1	—1.4	.....
1903, .....	2	30.2	+1.1	.....
1904, .....	2	26.5	—3.7	.....
1905, .....	2	27.8	+1.3	—8.2

## METAL AND METALLIC GOODS.

1896, .....	3	36.3	.....	.....
1897, .....	3	35.7	— .6	.....
1898, .....	3	35.7	.....	.....
1899, .....	3	35.5	— .2	.....
1900, .....	3	34.6	— .9	.....
1901, .....	3	33.9	— .7	.....
1902, .....	3	36.6	+2.7	.....
1903, .....	3	36.9	+ .3	.....
1904, .....	3	43.3	+6.4	.....
1905, .....	3	41.2	—2.1	+4.9

## BUILDING AND STRUCTURAL IRON WORK.

1896, .....	2	32.0	.....	.....
1897, .....	2	27.6	—4.4	.....
1898, .....	2	21.4	—6.2	.....
1899, .....	2	30.5	+9.1	.....
1900, .....	2	19.2	—11.3	.....
1901, .....	2	18.7	— .5	.....
1902, .....	2	24.4	+5.7	.....
1903, .....	2	18.6	—5.8	.....
1904, .....	2	16.8	—1.8	.....
1905, .....	2	17.0	+ .2	—15.0

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## IRON CHAINS.

1896, .....	5	27.7	.....	.....
1897, .....	5	28.8	+1.1	.....
1898, .....	5	29.4	+ .6	.....
1899, .....	5	24.0	—5.4	.....
1900, .....	5	24.5	+ .5	.....
1901, .....	5	25.4	+ .9	.....
1902, .....	5	29.3	+3.9	.....
1903, .....	5	29.2	— .1	.....
1904, .....	5	30.7	+1.5	.....
1905, .....	5	29.8	— .9	+2.1

## IRON FENCES AND RAILINGS.

1896, .....	7	31.4	.....	.....
1897, .....	7	33.6	+2.2	.....
1898, .....	7	30.6	—3.0	.....
1899, .....	7	26.8	—3.8	.....
1900, .....	7	28.8	+2.0	.....
1901, .....	7	27.3	—1.5	.....
1902, .....	7	24.8	—2.5	.....
1903, .....	7	23.3	—1.5	.....
1904, .....	7	25.0	+1.7	.....
1905, .....	7	25.7	+ .7	—5.7

## AGRICULTURAL IMPLEMENTS.

1896, .....	10	25.4	.....	.....
1897, .....	10	24.1	—1.3	.....
1898, .....	10	24.4	+ .3	.....
1899, .....	10	23.7	— .7	.....
1900, .....	10	23.7	.....	..
1901, .....	10	23.8	+ .1	..
1902, .....	10	24.3	+ .5	..
1903, .....	10	22.9	—1.4	.....
1904, .....	10	23.1	+ .2	.....
1905, .....	10	21.5	—1.6	—3.9

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902,<sup>o</sup> 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
STEAM PUMPS.				
1896, .....	2	36.3	.....	.....
1897, .....	2	41.3	+5.0	.....
1898, .....	2	35.7	—5.6	.....
1899, .....	2	40.5	+4.8	.....
1900, .....	2	29.9	—10.6	.....
1901, .....	2	38.9	+9.0	.....
1902, .....	2	37.7	—1.2	.....
1903, .....	2	32.8	—4.9	.....
1904, .....	2	48.7	+15.9	.....
1905, .....	2	40.0	—8.7	+3.7
PIANOS AND ORGANS.				
1896, .....	2	35.9	.....	.....
1897, .....	2	35.1	— .8	.....
1898, .....	2	33.5	—1.6	.....
1899, .....	2	27.0	—6.5	.....
1900, .....	2	30.7	+3.7	.....
1901, .....	2	33.1	+2.4	.....
1902, .....	2	33.8	+ .7	.....
1903, .....	2	37.4	+3.6	.....
1904, .....	2	34.9	—2.5	.....
1905, .....	2	37.7	+2.8	+1.8
TINWARE.				
1896, .....	5	22.5	.....	.....
1897, .....	5	22.9	+ .4	.....
1898, .....	5	22.0	— .9	.....
1899, .....	5	21.7	— .3	.....
1900, .....	5	24.2	+2.5	.....
1901, .....	5	26.6	+2.4	.....
1902, .....	5	30.8	+4.2	.....
1903, .....	5	32.0	+1.2	.....
1904, .....	5	29.3	—2.7	.....
1905, .....	5	27.9	—1.4	+5.4



# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## PAPER MANUFACTORIES.

1896, .....	8	17.2	.....	.....
1897, .....	8	17.8	+ .6	.....
1898, .....	8	17.8	.....	.....
1899, .....	8	16.2	—1.6	.....
1900, .....	8	16.4	+ .2	.....
1901, .....	8	16.2	— .2	.....
1902, .....	8	17.3	+1.1	.....
1903, .....	8	16.5	— .8	.....
1904, .....	8	17.9	+1.4	.....
1905, .....	8	15.8	—2.1	—1.4

## WALL PAPER.

1896, .....	3	14.6	.....	.....
1897, .....	3	13.4	—1.2	.....
1898, .....	3	13.2	— .2	.....
1899, .....	3	12.4	— .8	.....
1900, .....	3	14.5	+2.1	.....
1901, .....	3	15.7	+1.2	.....
1902, .....	3	16.3	+ .6	.....
1903, .....	3	15.5	— .8	.....
1904, .....	3	14.2	—1.3	.....
1905, .....	3	14.4	+ .2	— .2

## CIGARS.

1896, .....	43	25.4	.....	.....
1897, .....	43	25.2	— .2	.....
1898, .....	43	25.2	.....	.....
1899, .....	43	25.1	— .1	.....
1900, .....	43	25.5	+ .4	.....
1901, .....	43	26.0	+ .5	.....
1902, .....	43	22.4	—3.6	.....
1903, .....	43	26.0	+3.6	.....
1904, .....	43	27.1	+1.1	.....
1905, .....	43	25.7	—1.4	+ .3

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character or Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## BOOK BINDING.

1896, .....	3	38.7	.....	.....
1897, .....	3	40.9	+2.2	.....
1898, .....	3	41.7	+.8	.....
1899, .....	3	41.4	— .8	.....
1900, .....	3	45.3	+3.9	.....
1901, .....	3	43.7	—1.6	.....
1902, .....	3	42.9	— .8	.....
1903, .....	3	43.5	+.6	.....
1904, .....	3	40.9	—2.6	.....
1905, .....	3	41.7	+.8	+3.0

## CORDAGE, ROPE AND TWINE.

1896, .....	5	13.0	.....	.....
1897, .....	5	14.5	+1.5	.....
1898, .....	5	13.6	— .9	.....
1899, .....	5	12.7	— .9	.....
1900, .....	5	10.7	—2.0	.....
1901, .....	5	10.6	— .1	.....
1902, .....	5	10.6	.....	.....
1903, .....	5	9.1	—1.5	.....
1904, .....	5	8.8	— .3	.....
1905, .....	5	9.2	+.4	—3.8

## PAPER, PAPER BOXES, ENVELOPES, ETC.

1896, .....	26	24.6	.....	.....
1897, .....	26	25.0	+.4	.....
1898, .....	26	24.9	— .1	.....
1899, .....	26	24.4	— .5	.....
1900, .....	26	24.0	— .4	.....
1901, .....	26	24.0	.....	.....
1902, .....	26	24.2	+.2	.....
1903, .....	26	23.9	— .3	.....
1904, .....	26	22.9	—1.0	.....
1905, .....	26	22.1	— .8	—2.5

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease(—) as compared with the preceding year.	Increase(+) or decrease(—) 1905 as compared with 1896.
<b>POTTERY.</b>				
1896, .....	2	35.1	.....	.....
1897, .....	2	35.4	+ .3	.....
1898, .....	2	32.6	—2.8	.....
1899, .....	2	32.2	— .4	.....
1900, .....	2	33.7	+1.5	.....
1901, .....	2	33.8	+ .1	.....
1902, .....	2	38.6	+4.8	.....
1903, .....	2	39.4	+ .8	.....
1904, .....	2	32.2	—7.2	.....
1905, .....	2	32.9	+ .7	—2.2
<b>PAVING BRICK.</b>				
1896, .....	7	42.9	.....	.....
1897, .....	7	41.4	—1.5	.....
1898, .....	7	40.3	—1.1	.....
1899, .....	7	42.5	+2.2	.....
1900, .....	7	39.3	—3.2	.....
1901, .....	7	50.1	+10.8	.....
1902, .....	7	41.1	—9.0	.....
1903, .....	7	42.5	+1.4	.....
1904, .....	7	29.5	—13.0	.....
1905, .....	7	35.5	+6.0	—7.4
<b>BUILDING BRICK.</b>				
1896, .....	30	40.0	.....	.....
1897, .....	30	42.5	+2.5	.....
1898, .....	30	44.1	+1.6	.....
1899, .....	30	41.2	—2.9	.....
1900, .....	30	41.9	+ .7	.....
1901, .....	30	43.0	+1.1	.....
1902, .....	30	39.7	—3.3	.....
1903, .....	30	40.1	+ .4	.....
1904, .....	30	40.3	+ .2	.....
1905, .....	30	37.9	—2.4	—2.1

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
FIRE BRICK.				
1896, .....	17	44.3	.....	.....
1897, .....	17	45.8	+1.5	.....
1898, .....	17	44.0	—1.8	.....
1899, .....	17	45.6	+1.6	.....
1900, .....	17	45.0	— .6	.....
1901, .....	17	50.4	+5.4	.....
1902, .....	17	43.2	—7.2	.....
1903, .....	17	42.0	—1.2	.....
1904, .....	17	39.5	—2.5	.....
1905, .....	17	39.3	— .2	—5.0
SLATE ROOFING, ETC., TONNAGE.				
1896, .....	6	64.5	.....	.....
1897, .....	6	52.4	+12.1	.....
1898, .....	6	46.5	—5.9	.....
1899, .....	6	46.9	+ .4	.....
1900, .....	6	53.8	+6.9	.....
1901, .....	6	49.7	—4.1	.....
1902, .....	6	48.4	—1.3	.....
1903, .....	6	56.6	+8.2	.....
1904, .....	6	69.4	+12.8	.....
1905, .....	6	67.2	—2.2	+2.7
SLATE ROOFING, ETC., SQUARES.				
1896, .....	14	67.3	.....	.....
1897, .....	14	59.8	—7.5	.....
1898, .....	14	62.4	+2.6	.....
1899, .....	14	58.5	—3.9	.....
1900, .....	14	63.6	+5.1	.....
1901, .....	14	63.7	+ .1	.....
1902, .....	14	62.7	—1.0	.....
1903, .....	14	58.2	—4.5	.....
1904, .....	14	60.9	+2.7	.....
1905, .....	14	59.3	—1.6	—8.0

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WINDOW GLASS, BOTTLES AND TABLE GOODS.

1896, .....	20	44.7	.....	.....
1897, .....	20	44.5	— .2	.....
1898, .....	20	44.0	— .5	.....
1899, .....	20	43.2	— .8	.....
1900, .....	20	44.9	+1.7	.....
1901, .....	20	45.5	+ .6	.....
1902, .....	20	45.5	.....	.....
1903, .....	20	42.8	—2.7	.....
1904, .....	20	46.5	+3.7	.....
1905, .....	20	48.4	+1.9	+3.7

## GLAZED AND CHROME KID.

1896, .....	7	11.9	.....	.....
1897, .....	7	12.7	+ .8	.....
1898, .....	7	11.6	—1.1	.....
1899, .....	7	11.7	+ .1	.....
1900, .....	7	11.7	.....	.....
1901, .....	7	10.9	— .8	.....
1902, .....	7	11.1	+ .2	.....
1903, .....	7	12.5	+1.4	.....
1904, .....	7	12.3	— .2	.....
1905, .....	7	10.3	—2.0	—1.6

## MEN'S, WOMEN'S, MISSES' AND CHILDREN'S SHOES.

1896, .....	13	24.0	.....	.....
1897, .....	13	24.5	+ .5	.....
1898, .....	13	24.4	— .1	.....
1899, .....	13	24.2	— .2	.....
1900, .....	13	23.5	— .7	.....
1901, .....	13	23.8	+ .3	.....
1902, .....	13	22.2	—1.6	.....
1903, .....	13	24.1	+1.9	.....
1904, .....	13	23.2	— .9	.....
1905, .....	13	23.0	— .2	—1.0

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## SUSPENDERS.

1896, .....	2	9.7	.....	.....
1897, .....	2	9.7	.....	.....
1898, .....	2	10.5	+ .8	.....
1899, .....	2	12.7	+2.2	.....
1900, .....	2	12.2	— .5	.....
1901, .....	2	8.8	—3.4	.....
1902, .....	2	10.2	+1.4	.....
1903, .....	2	8.8	—1.4	.....
1904, .....	2	9.2	+ .4	.....
1905, .....	2	8.5	— .7	—1.2

## HATS AND CAPS.

1896, .....	3	23.1	.....	.....
1897, .....	3	22.9	— .2	.....
1898, .....	3	23.9	+1.0	.....
1899, .....	3	27.5	+3.6	.....
1900, .....	3	23.5	—4.0	.....
1901, .....	3	23.4	— .1	.....
1902, .....	3	23.3	— .1	.....
1903, .....	3	22.1	—1.2	.....
1904, .....	3	27.3	+5.2	.....
1905, .....	3	22.7	—4.6	— .4

## FUR AND FELT HATS.

1896, .....	4	26.6	.....	.....
1897, .....	4	33.0	+6.4	.....
1898, .....	4	34.4	+1.4	.....
1899, .....	4	32.9	—1.5	.....
1900, .....	4	32.4	— .5	.....
1901, .....	4	33.2	+ .8	.....
1902, .....	4	32.9	— .3	.....
1903, .....	4	31.1	—1.8	.....
1904, .....	4	31.8	+ .7	.....
1905, .....	4	32.0	+ .2	+5.4



# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WOOL HATS.

1896, .....	6	25.1	.....	.....
1897, .....	6	22.4	—2.7	.....
1898, .....	6	22.4	.....	.....
1899, .....	6	22.8	+4	.....
1900, .....	6	24.0	+1.2	.....
1901, .....	6	24.3	+3	.....
1902, .....	6	23.6	—7	.....
1903, .....	6	27.7	+4.1	.....
1904, .....	6	24.4	—3.3	.....
1905, .....	6	25.9	+1.5	+8

## UMBRELLAS AND PARASOLS.

1896, .....	4	12.3	.....	.....
1897, .....	4	14.4	+2.1	.....
1898, .....	4	11.7	—2.7	.....
1899, .....	4	11.7	.....	.....
1900, .....	4	11.9	+2	.....
1901, .....	4	11.6	—3	.....
1902, .....	4	12.5	+9	.....
1903, .....	4	13.0	+5	.....
1904, .....	4	13.1	+1	.....
1905, .....	4	13.2	+1	+9

## DRESS TRIMMINGS, BRAIDS, ETC.

1896, .....	8	24.5	.....	.....
1897, .....	8	25.8	+1.3	.....
1898, .....	8	24.2	—1.6	.....
1899, .....	8	23.0	—1.2	.....
1900, .....	8	24.3	+1.3	.....
1901, .....	8	24.3	.....	.....
1902, .....	8	25.9	+1.6	.....
1903, .....	8	23.8	—2.1	.....
1904, .....	8	21.2	—2.6	.....
1905, .....	8	20.5	—7	—4.0

## RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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### SHIRTS AND SHIRT WAISTS.

1896, .....	8	24.9	.....	.....
1897, .....	8	25.1	+ .2	.....
1898, .....	8	24.4	— .7	.....
1899, .....	8	25.8	+1.4	.....
1900, .....	8	26.0	+ .2	.....
1901, .....	8	26.8	+ .8	.....
1902, .....	8	27.3	+ .5	.....
1903, .....	8	28.0	+ .7	.....
1904, .....	8	28.9	+ .9	.....
1905, .....	8	25.5	—3.4	+ .6

### NECKWEAR.

1896, .....	3	19.1	.....	.....
1897, .....	3	17.8	—1.3	.....
1898, .....	3	18.4	+ .6	.....
1899, .....	3	16.9	—1.5	.....
1900, .....	3	16.7	— .2	.....
1901, .....	3	15.9	— .8	.....
1902, .....	3	17.1	+1.2	.....
1903, .....	3	16.2	— .9	.....
1904, .....	3	16.2	.....	.....
1905, .....	3	15.7	— .5	—3.4

### COTTON AND WOOLEN CLOTHS.

1896, .....	19	26.6	.....	.....
1897, .....	19	26.3	— .3	.....
1898, .....	19	26.4	+ .1	.....
1899, .....	19	24.6	—1.8	.....
1900, .....	19	25.5	+ .9	.....
1901, .....	19	24.4	—1.1	.....
1902, .....	19	25.7	+1.3	.....
1903, .....	19	24.9	— .8	.....
1904, .....	19	24.3	— .6	.....
1905, .....	19	22.9	—1.4	—3.7

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>CARPETS.</b>				
1896, .....	17	21.6	....	.....
1897, .....	17	21.7	+ .1	.....
1898, .....	17	20.7	—1.0	.....
1899, .....	17	19.8	— .9	.....
1900, .....	17	20.1	+ .3	.....
1901, .....	17	19.2	— .9	.....
1902, .....	17	19.0	— .2	.....
1903, .....	17	18.4	— .6	.....
1904, .....	17	18.3	— .1	.....
1905, .....	17	17.8	— .5	—3.8
<b>COTTON GOODS.</b>				
1896, .....	13	29.4	.....	.....
1897, .....	13	29.7	+ .3	.....
1898, .....	13	30.8	+1.1	.....
1899, .....	13	30.6	— .2	.....
1900, .....	13	29.1	—1.5	.....
1901, .....	13	27.5	—1.6	.....
1902, .....	13	28.5	+1.0	.....
1903, .....	13	27.6	— .9	.....
1904, .....	13	26.3	—1.3	.....
1905, .....	13	25.4	— .9	+4.0
<b>WOOLEN AND WORSTED CASSIMERES.</b>				
1896, .....	10	21.3	.....	.....
1897, .....	10	20.1	—1.2	.....
1898, .....	10	20.2	+ .1	.....
1899, .....	10	18.9	—1.3	.....
1900, .....	10	20.1	+1.2	.....
1901, .....	10	17.9	—2.2	.....
1902, .....	10	22.8	+4.9	.....
1903, .....	10	23.4	+ .6	.....
1904, .....	10	19.8	—3.6	.....
1905, .....	10	23.4	+3.5	+2.1

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
WOOLEN AND WORSTED FABRICS.				
1896, .....	13	20.4	.....	.....
1897, .....	13	19.6	— .8	.....
1898, .....	13	19.8	+ .2	.....
1899, .....	13	19.6	— .2	.....
1900, .....	13	18.8	— .8	.....
1901, .....	13	18.2	— .6	.....
1902, .....	13	18.0	— .2	.....
1903, .....	13	17.5	— .5	.....
1904, .....	13	16.8	— .7	.....
1905, .....	13	15.2	—1.6	—5.2
WOOLEN AND WORSTED YARNS.				
1896, .....	12	20.4	.....	.....
1897, .....	12	15.8	—4.6	.....
1898, .....	12	11.8	—4.0	.....
1899, .....	12	10.2	—1.6	.....
1900, .....	12	12.5	+2.3	.....
1901, .....	12	12.9	+ .4	.....
1902, .....	12	11.8	—1.1	.....
1903, .....	12	14.5	+2.7	.....
1904, .....	12	13.7	— .8	.....
1905, .....	12	13.9	+ .2	—6.5
RUGS, YARNS, ETC.				
1896, .....	4	27.6	.....	.....
1897, .....	4	27.6	.....	.....
1898, .....	4	28.0	+ .4	.....
1899, .....	4	27.5	— .5	.....
1900, .....	4	27.0	— .5	.....
1901, .....	4	29.4	+2.4	.....
1902, .....	4	26.0	—3.4	.....
1903, .....	4	26.8	+ .8	.....
1904, .....	4	27.8	+1.0	.....
1905, .....	4	27.2	— .6	— .4

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. value of wages to production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## CARPET YARNS.

1896, .....	10	15.8	.....	.....
1897, .....	10	13.5	—2.3	.....
1898, .....	10	14.9	+1.4	.....
1899, .....	10	13.3	—1.6	.....
1900, .....	10	14.2	+ .9	.....
1901, .....	10	14.9	+ .7	.....
1902, .....	10	15.1	+ .2	.....
1903, .....	10	14.1	—1.0	.....
1904, .....	10	13.3	— .8	.....
1905, .....	10	13.4	+ .1	—2.4

## COTTON YARNS.

1896, .....	6	16.5	.....	.....
1897, .....	6	17.6	+1.1	.....
1898, .....	6	19.2	+1.6	.....
1899, .....	6	18.3	— .9	.....
1900, .....	6	16.6	—1.7	.....
1901, .....	6	17.5	+ .9	.....
1902, .....	6	17.9	+ .4	.....
1903, .....	6	15.1	—2.8	.....
1904, .....	6	14.2	— .9	.....
1905, .....	6	15.5	+1.3	—1.0

## WORSTED, WOOLEN AND COTTON YARNS.

1896, .....	8	17.9	.....	.....
1897, .....	8	15.5	—2.4	.....
1898, .....	8	16.5	+1.0	.....
1899, .....	8	13.4	—3.1	.....
1900, .....	8	12.7	— .7	.....
1901, .....	8	13.7	+1.0	.....
1902, .....	8	13.0	— .7	.....
1903, .....	8	13.9	+ .9	.....
1904, .....	8	13.3	— .6	.....
1905, .....	8	11.3	—2.0	—6.6

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. value of wages to production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WOOLEN, BLANKETS, FLANNELS, ETC.

1896, .....	5	20.0	.....	.....
1897, .....	5	21.6	+1.6	.....
1898, .....	5	16.6	—5.0	.....
1899, .....	5	19.7	+3.1	.....
1900, .....	5	19.3	— .4	.....
1901, .....	5	17.9	—1.4	.....
1902, .....	5	17.3	— .6	.....
1903, .....	5	16.1	—1.2	.....
1904, .....	5	13.4	—2.7	.....
1905, .....	5	14.2	+ .8	—5.8

## LACE GOODS.

1896, .....	3	21.3	.....	.....
1897, .....	3	20.6	— .7	.....
1898, .....	3	22.1	+1.5	.....
1899, .....	3	24.0	+1.9	.....
1900, .....	3	27.8	+3.8	.....
1901, .....	3	26.7	—1.1	.....
1902, .....	3	26.0	— .7	.....
1903, .....	3	29.2	+3.2	.....
1904, .....	3	32.6	+3.4	.....
1905, .....	3	31.0	—1.6	+9.7

## CHENILLE GOODS.

1896, .....	2	28.3	.....	.....
1897, .....	2	29.9	+1.6	.....
1898, .....	2	28.5	—1.4	.....
1899, .....	2	29.7	+1.2	.....
1900, .....	2	35.2	+5.5	.....
1901, .....	2	36.3	+1.1	.....
1902, .....	2	33.9	—2.4	.....
1903, .....	2	34.4	+ .5	.....
1904, .....	2	28.5	—5.9	.....
1905, .....	2	17.8	—10.7	—10.5



# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
UPHOLSTERY GOODS.				
1896, .....	7	22.8	.....	.....
1897, .....	7	23.8	+1.0	.....
1898, .....	7	24.7	+ .9	.....
1899, .....	7	23.2	—1.5	.....
1900, .....	7	24.8	+1.6	.....
1901, .....	7	26.3	+1.5	.....
1902, .....	7	25.8	— .5	.....
1903, .....	7	25.3	— .5	.....
1904, .....	7	28.4	+3.1	.....
1905, .....	7	25.1	—3.3	+2.3
KNIT GOODS, UNDERWEAR.				
1896, .....	13	20.6	.....	.....
1897, .....	13	20.2	— .4	.....
1898, .....	13	19.6	— .6	.....
1899, .....	13	20.5	+ .9	.....
1900, .....	13	18.7	—1.8	.....
1901, .....	13	19.4	+ .7	.....
1902, .....	13	21.8	+2.4	.....
1903, .....	13	19.4	—2.4	.....
1904, .....	13	21.0	+1.6	.....
1905, .....	13	21.8	+ .8	+1.2
HOSIERY.				
1896, .....	31	30.2	.....	.....
1897, .....	31	30.5	+ .3	.....
1898, .....	31	30.4	— .1	.....
1899, .....	31	30.7	+ .3	.....
1900, .....	31	30.9	+ .2	.....
1901, .....	31	30.8	— .1	.....
1902, .....	31	31.8	+1.0	.....
1903, .....	31	31.4	— .4	.....
1904, .....	31	31.0	— .4	.....
1905, .....	31	30.8	— .2	+ .6

# RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.</b>				
1896, .....	5	16.5	.....	.....
1897, .....	5	16.2	— .3	.....
1898, .....	5	15.3	— .4	.....
1899, .....	5	13.5	— 2.3	.....
1900, .....	5	13.8	+ .3	.....
1901, .....	5	15.3	+ 1.5	.....
1902, .....	5	15.1	— .2	.....
1903, .....	5	15.5	+ .4	.....
1904, .....	5	14.1	— 1.4	.....
1905, .....	5	14.1	.....	— 2.4
<b>SILK—BROAD GOODS AND RIBBONS.</b>				
1896, .....	2	22.4	.....	.....
1897, .....	2	20.1	— 2.3	.....
1898, .....	2	17.8	— 2.3	.....
1899, .....	2	16.8	— 1.0	.....
1900, .....	2	16.7	— .1	.....
1901, .....	2	16.9	+ .2	.....
1902, .....	2	16.3	— .6	.....
1903, .....	2	25.5	+ 9.2	.....
1904, .....	2	18.2	— 7.3	.....
1905, .....	2	20.5	+ 2.3	— 1.9
<b>SILK—RIBBONS.</b>				
1896, .....	3	17.8	.....	.....
1897, .....	3	21.6	+ 3.8	.....
1898, .....	3	20.3	— 1.3	.....
1899, .....	3	22.1	+ 1.8	.....
1900, .....	3	20.6	— 1.5	.....
1901, .....	3	22.0	+ 1.4	.....
1902, .....	3	20.5	— 1.5	.....
1903, .....	3	19.7	— .8	.....
1904, .....	3	22.1	+ 2.4	.....
1905, .....	3	21.5	— .6	+ 3.7

# PRODUCTION IN TONS OR QUANTITY.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

NOTE.—In this table the aggregate production in tons or quantity by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905 is presented, with the relative increase or decrease, together with the increase or decrease 1905 over 1896. Eighty-four industries, representing 710 establishments are considered.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease(—) as compared with the preceding year.	Increase(+) or decrease(—) 1905 as compared with 1896.
<b>TOOL STEEL.</b>				
1896, .....	3	1,286	.....	.....
1897, .....	3	694	—592	.....
1898, .....	3	1,086	+392	.....
1899, .....	3	1,295	+209	.....
1900, .....	3	1,667	+372	.....
1901, .....	3	2,424	+757	.....
1902, .....	3	3,428	+1,004	.....
1903, .....	3	3,601	+172	.....
1904, .....	3	4,250	+650	.....
1905, .....	3	4,951	+704	+3,668
<b>IRON AND STEEL FORGINGS.</b>				
1896, .....	5	3,560	.....	.....
1897, .....	5	2,838	—722	.....
1898, .....	5	5,224	+2,386	.....
1899, .....	5	7,248	+2,024	.....
1900, .....	5	7,026	—222	.....
1901, .....	5	7,899	+873	.....
1902, .....	5	8,692	+793	.....
1903, .....	5	8,710	+18	.....
1904, .....	5	8,247	—463	.....
1905, .....	5	11,073	+2,826	+7,513
<b>MALLEABLE IRON.</b>				
1896, .....	4	30,888	.....	.....
1897, .....	4	27,466	—3,422	.....
1898, .....	4	38,228	+10,762	.....
1899, .....	4	44,852	+6,624	.....
1900, .....	4	38,963	—5,889	.....
1901, .....	4	33,182	—5,781	.....
1902, .....	4	36,587	3,405	.....
1903, .....	4	41,530	+4,943	.....
1904, .....	4	24,270	—17,260	.....
1905, .....	4	39,839	+15,569	+8,951

## PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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## WIRE NAILS AND RIVETS, ETC.

1896, .....	3	19,613	.....	.....
1897, .....	3	8,683	—10,930	.....
1898, .....	3	11,524	+2,841	.....
1899, .....	3	12,449	+925	.....
1900, .....	3	12,935	+486	.....
1901, .....	3	15,159	+2,224	.....
1902, .....	3	15,149	—10	.....
1903, .....	3	22,295	+7,146	.....
1904, .....	3	12,177	—10,118	.....
1905, .....	3	17,350	+5,173	—2,263

## TACKS, SMALL NAILS.

1896, .....	3	1,154	.....	.....
1897, .....	3	1,251	+97	.....
1898, .....	3	1,020	—231	.....
1899, .....	3	1,687	+667	.....
1900, .....	3	1,375	—312	.....
1901, .....	3	1,561	+186	.....
1902, .....	3	1,472	—89	.....
1903, .....	3	1,638	+166	.....
1904, .....	3	1,788	+150	.....
1905, .....	3	1,890	+102	+736

## WIRE.

1896, .....	4	3,737	.....	.....
1897, .....	4	2,459	—1,278	.....
1898, .....	4	3,059	+600	.....
1899, .....	4	3,499	+440	.....
1900, .....	4	3,738	+239	.....
1901, .....	4	4,739	+1,001	.....
1902, .....	4	3,984	—755	.....
1903, .....	4	3,697	—287	.....
1904, .....	4	2,229	—1,468	.....
1905, .....	4	2,395	+166	—1,342

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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WIRE ROPE.

Tons.

1896, .....	2	3,406	.....	.....
1897, .....	2	3,420	+14	.....
1898, .....	2	3,749	+329	.....
1899, .....	2	4,880	+1,131	.....
1900, .....	2	6,443	+1,563	.....
1901, .....	2	6,707	+264	.....
1902, .....	2	6,994	+287	.....
1903, .....	2	7,149	+155	.....
1904, .....	2	6,339	—810	.....
1905, .....	2	6,793	+454	+3,387

WROUGHT IRON PIPE AND  
TUBES.

1896, .....	5	281,068	.....	.....
1897, .....	5	297,601	+16,533	.....
1898, .....	5	358,304	+60,703	.....
1899, .....	5	452,513	+94,209	.....
1900, .....	5	295,574	—156,939	.....
1901, .....	5	410,878	+115,304	.....
1902, .....	5	321,179	—89,699	.....
1903, .....	5	434,719	+113,540	.....
1904, .....	5	426,804	—7,915	.....
1905, .....	5	400,404	—26,400	+119,336

CAST IRON PIPE.

1896, .....	3	50,730	.....	.....
1897, .....	3	72,030	+21,300	.....
1898, .....	3	79,212	+7,182	.....
1899, .....	3	61,344	—17,868	.....
1900, .....	3	74,456	+13,112	.....
1901, .....	3	78,122	+3,666	.....
1902, .....	3	80,806	+2,684	.....
1903, .....	3	89,272	+8,466	.....
1904, .....	3	93,312	+4,040	.....
1905, .....	3	103,041	+10,729	+52,311

### PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
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#### IRON AND STEEL BRIDGES.

#### Tons.

1896, .....	7	58,396	.....	.....
1897, .....	7	54,013	—4,383	.....
1898, .....	7	73,781	+19,768	.....
1899, .....	7	81,970	+8,189	.....
1900, .....	7	134,231	+52,261	.....
1901, .....	7	108,276	—25,955	.....
1902, .....	7	124,167	+15,891	.....
1903, .....	7	121,335	—2,832	.....
1904, .....	7	149,153	+27,818	.....
1905, .....	7	199,318	+50,165	+140,922

#### IRON CHAINS.

1896, .....	5	4,877	.....	.....
1897, .....	5	4,898	+21	.....
1898, .....	5	6,307	+1,409	.....
1899, .....	5	6,745	+438	.....
1900, .....	5	6,597	—148	.....
1901, .....	5	5,956	—641	.....
1902, .....	5	12,097	+6,141	.....
1903, .....	5	7,444	—4,653	.....
1904, .....	5	13,205	+5,761	.....
1905, .....	5	13,298	+92	+8,421

#### PAPER MANUFACTORIES.

1896, .....	8	63,953	.....	.....
1897, .....	8	59,852	—4,101	.....
1898, .....	8	55,014	—4,838	.....
1899, .....	8	67,929	+12,915	.....
1900, .....	8	71,184	+3,255	.....
1901, .....	8	71,878	+694	.....
1902, .....	8	85,524	+13,646	.....
1903, .....	8	88,072	+2,548	.....
1904, .....	8	88,533	+461	.....
1905, .....	8	93,032	+4,499	+34,079



## PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
WALL PAPER.		Rolls.		
1896, .....	3	13,502,000	.....	.....
1897, .....	3	16,748,793	+3,246,793	.....
1898, .....	3	20,288,362	+3,539,569	.....
1899, .....	3	18,458,252	—1,830,110	.....
1900, .....	3	19,614,145	+1,155,893	.....
1901, .....	3	21,680,030	+2,065,885	.....
1902, .....	3	22,398,173	+718,143	.....
1903, .....	3	21,123,032	—1,275,141	.....
1904, .....	3	22,406,429	+1,283,397	.....
1905, .....	3	16,987,846	—5,418,583	+3,485,846
CIGARS.		Cigars.		
1896, .....	43	299,608,966	.....	.....
1897, .....	43	355,026,881	+55,417,915	.....
1898, .....	43	354,100,667	—926,214	.....
1899, .....	43	361,860,194	+7,759,527	.....
1900, .....	43	409,976,623	+48,116,429	.....
1901, .....	43	392,173,212	—17,803,411	.....
1902, .....	43	392,315,529	+142,317	.....
1903, .....	43	513,731,428	+121,415,899	.....
1904, .....	43	523,317,202	+9,585,774	.....
1905, .....	43	499,127,755	—24,189,447	+199,518,789
BUILDING BRICK.		Bricks.		
1896, .....	30	187,792,969	.....	.....
1897, .....	30	184,346,308	—3,446,661	.....
1898, .....	30	214,155,962	+29,809,654	.....
1899, .....	30	215,764,927	+1,608,965	.....
1900, .....	30	198,672,260	—17,092,667	.....
1901, .....	30	192,364,485	—6,307,775	.....
1902, .....	30	207,618,118	+15,253,633	.....
1903, .....	30	239,137,818	+31,519,700	.....
1904, .....	30	257,363,509	+18,225,691	.....
1905, .....	30	278,506,498	+21,142,989	+90,713,529

## PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
<b>FIRE BRICK.</b>				
1896, .....	17	329,925	.....	.....
1897, .....	17	330,914	+989	.....
1898, .....	17	408,796	+77,882	.....
1899, .....	17	538,099	+129,303	.....
1900, .....	17	666,863	+128,764	.....
1901, .....	17	693,977	+27,114	.....
1902, .....	17	920,237	+226,260	.....
1903, .....	17	829,832	—90,405	.....
1904, .....	17	1,556,513	+726,681	.....
1905, .....	17	1,120,000	—436,513	+790,075
<b>GLAZED AND CHROME KID.</b>				
1896, .....	7	887,242	.....	.....
1897, .....	7	1,139,807	+252,565	.....
1898, .....	7	1,332,785	+192,978	.....
1899, .....	7	1,688,109	+355,324	.....
1900, .....	7	1,487,228	—200,881	.....
1901, .....	7	1,851,886	+364,658	.....
1902, .....	7	1,724,587	—127,299	.....
1903, .....	7	1,431,129	—293,458	.....
1904, .....	7	1,468,035	+36,906	.....
1905, .....	7	1,792,010	+323,975	+904,768
<b>MEN'S, WOMEN'S, MISSES AND CHILDREN'S SHOES.</b>				
1896, .....	13	2,813,072	.....	.....
1897, .....	13	3,132,555	+319,483	.....
1898, .....	13	3,156,261	+23,706	.....
1899, .....	13	3,574,434	+418,173	.....
1900, .....	13	3,456,562	—117,872	.....
1901, .....	13	3,532,138	+75,576	.....
1902, .....	13	3,669,733	+137,795	.....
1903, .....	13	3,825,735	+155,802	.....
1904, .....	13	3,749,319	—76,416	.....
1905, .....	13	3,905,697	+156,378	+1,092,625

## PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>SUSPENDERS.</b>				
1896, .....	2	142,000	.....	.....
1897, .....	2	152,000	+10,000	.....
1898, .....	2	165,000	+13,000	.....
1899, .....	2	180,500	+15,500	.....
1900, .....	2	266,000	+85,500	.....
1901, .....	2	450,000	+184,000	.....
1902, .....	2	317,250	—132,750	.....
1903, .....	2	338,500	+21,250	.....
1904, .....	2	346,000	+7,500	.....
1905, .....	2	376,000	+20,000	+234,000
<b>HATS AND CAPS.</b>				
1896, .....	3	65,867	.....	.....
1897, .....	3	103,934	+38,067	.....
1898, .....	3	100,663	—3,271	.....
1899, .....	3	96,229	—4,434	.....
1900, .....	3	111,091	+14,862	.....
1901, .....	3	139,964	+28,873	.....
1902, .....	3	125,718	—14,246	.....
1903, .....	3	137,406	+11,688	.....
1904, .....	3	119,635	—17,771	.....
1905, .....	3	129,545	+9,910	+63,678
<b>FUR AND FELT HATS.</b>				
1896, .....	4	47,026	.....	.....
1897, .....	4	51,025	+3,999	.....
1898, .....	4	55,925	+4,900	.....
1899, .....	4	64,127	+8,202	.....
1900, .....	4	78,437	+14,310	.....
1901, .....	4	90,025	+11,588	.....
1902, .....	4	99,277	+9,252	.....
1903, .....	4	117,676	+18,399	.....
1904, .....	4	137,029	+19,353	.....
1905, .....	4	154,851	+17,822	+107,825

## PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## WOOL HATS.

## Dozens.

1896, .....	6	159,299	.....	.....
1897, .....	6	165,830	+6,531	.....
1898, .....	6	170,350	+4,520	.....
1899, .....	6	177,629	+7,279	.....
1900, .....	6	189,442	+11,813	.....
1901, .....	6	225,785	+36,343	.....
1902, .....	6	225,416	—369	.....
1903, .....	6	222,812	—2,604	.....
1904, .....	6	149,085	—73,727	.....
1905, .....	6	171,064	+21,979	+11,765

## UMBRELLAS AND PARASOLS.

## Pieces.

1896, .....	4	825,571	.....	.....
1897, .....	4	889,043	+63,472	.....
1898, .....	4	889,252	+209	.....
1899, .....	4	942,826	+53,574	.....
1900, .....	4	865,998	—76,828	.....
1901, .....	4	979,913	+113,915	.....
1902, .....	4	835,031	—144,882	.....
1903, .....	4	810,447	—24,584	.....
1904, .....	4	777,327	—33,120	.....
1905, .....	4	795,337	+18,010	—30,234

## SHIRTS AND SHIRT WAISTS.

## Dozens.

1896, .....	8	179,869	.....	.....
1897, .....	8	175,401	—4,468	.....
1898, .....	8	317,188	+141,787	.....
1899, .....	8	372,859	+55,671	.....
1900, .....	8	377,505	+4,646	.....
1901, .....	8	368,154	—9,351	.....
1902, .....	8	419,918	+51,764	.....
1903, .....	8	352,242	—67,676	.....
1904, .....	8	370,715	+18,473	.....
1905, .....	8	473,750	+103,035	+293,881

# PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or de- crease(—) 1905 as compared with 1896.
<b>CARPETS.</b>				
		<b>Yards.</b>		
1896, .....	17	10,752,952	.....	.....
1897, .....	17	13,612,975	+2,860,023	.....
1898, .....	17	12,904,587	—708,388	.....
1899, .....	17	15,648,813	+2,744,226	.....
1900, .....	17	13,510,867	—2,137,946	.....
1901, .....	17	14,978,827	+1,467,960	.....
1902, .....	17	15,786,703	+807,876	.....
1903, .....	17	11,945,603	—3,841,100	.....
1904, .....	17	13,563,817	+1,618,214	.....
1905, .....	17	13,359,021	—204,793	+2,606,072
<b>WOOLEN AND WORSTED YARNS.</b>				
		<b>Pounds.</b>		
1896, .....	12	9,334,353	.....	.....
1897, .....	12	13,427,749	+4,093,396	.....
1898, .....	12	9,307,876	—4,119,873	.....
1899, .....	12	9,705,579	+397,703	.....
1900, .....	12	9,383,095	—322,484	.....
1901, .....	12	9,156,971	—226,124	.....
1902, .....	12	11,441,219	+2,284,248	.....
1903, .....	12	7,230,167	—4,211,052	.....
1904, .....	12	9,639,584	+2,409,417	.....
1905, .....	12	9,069,265	—570,319	—265,088
<b>CARPET YARNS.</b>				
1896, .....	10	10,369,500	.....	.....
1897, .....	10	13,378,000	+3,008,500	.....
1898, .....	10	10,620,940	—2,757,060	.....
1899, .....	10	15,093,761	+4,472,821	.....
1900, .....	10	14,197,344	—896,417	.....
1901, .....	10	14,419,056	+221,712	.....
1902, .....	10	14,968,273	+549,217	.....
1903, .....	10	13,358,423	—1,609,850	.....
1904, .....	10	14,023,336	+664,913	.....
1905, .....	10	13,961,341	—61,995	+3,591,841



# PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1905 as compared with 1896.
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## COTTON YARNS.

Pounds.

1896, .....	6	7,333,685	.....	.....
1897, .....	6	7,834,651	+500,966	.....
1898, .....	6	8,571,169	+736,518	.....
1899, .....	6	8,703,304	+132,135	.....
1900, .....	6	8,604,662	—98,642	.....
1901, .....	6	7,455,951	—1,148,711	.....
1902, .....	6	7,599,893	+143,942	.....
1903, .....	6	13,914,878	+6,314,985	.....
1904, .....	6	6,076,000	—7,838,878	.....
1905, .....	6	7,541,988	+1,465,988	+208,303

## WORSTED WOOLEN AND COTTON YARNS.

1896, .....	8	4,451,655	.....	.....
1897, .....	8	5,370,096	+918,441	.....
1898, .....	8	4,733,902	—636,194	.....
1899, .....	8	5,264,119	+530,217	.....
1900, .....	8	5,221,259	—42,860	.....
1901, .....	8	5,631,804	+410,545	.....
1902, .....	8	6,199,469	+567,665	.....
1903, .....	8	5,103,390	—1,096,079	.....
1904, .....	8	4,586,012	—517,378	.....
1905, .....	8	5,476,157	+890,145	+1,024,502

## HOSIERY.

Dozens.

1896, .....	31	4,463,537	.....	.....
1897, .....	31	5,366,913	+903,376	.....
1898, .....	31	7,181,631	+1,814,718	.....
1899, .....	31	5,934,516	—1,247,115	.....
1900, .....	31	5,939,122	+4,606	.....
1901, .....	31	6,166,032	+226,910	.....
1902, .....	31	6,551,860	+385,828	.....
1903, .....	31	6,533,565	—18,295	.....
1904, .....	31	6,550,221	+16,656	.....
1905, .....	31	7,052,182	+501,967	+2,588,645



## PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total. produc- tion in tons or given quantity.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1905 as compared with 1896.
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SILK—BROAD GOODS AND RIB-  
BONS.

		Yards.		
1896, .....	2	2,126,571	.....	.....
1897, .....	2	3,304,064	+1,177,493	.....
1898, .....	2	3,712,633	+408,569	.....
1899, .....	2	5,668,697	+1,956,064	.....
1900, .....	2	6,388,130	+719,433	.....
1901, .....	2	3,163,175	-3,224,955	.....
1902, .....	2	6,485,492	+3,322,317	.....
1903, .....	2	6,885,146	+399,654	.....
1904, .....	2	5,429,644	-1,455,502	.....
1905, .....	2	8,430,258	+3,000,614	+6,303,687

## SILK—RIBBONS.

		Yards.		
1896, .....	3	7,364,945	.....	.....
1897, .....	3	6,853,742	-511,203	.....
1898, .....	3	8,911,626	+2,057,884	.....
1899, .....	3	11,201,212	+2,289,586	.....
1900, .....	3	11,186,446	-14,766	.....
1901, .....	3	18,050,169	+6,863,723	.....
1902, .....	3	26,693,113	+8,642,944	.....
1903, .....	3	32,120,148	+5,427,035	.....
1904, .....	3	30,985,413	-1,134,735	.....
1905, .....	3	30,108,062	-877,351	+22,743,117

## YEAR 1896.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Tool steel, etc., .....	3	\$480,000	\$146,601	267	160
2.	Iron and steel forgings, .....	5	281,000	117,318	280	184
3.	Malleable iron, .....	4	440,000	590,308	292	1,575
4.	Bolts, nuts, etc., .....	7	1,754,000	505,453	240	750
5.	Wire nails, rivets, etc., .....	3	505,000	251,899	278	149
6.	Tacks and small nails, .....	3	109,000	39,853	222	93
7.	Wire, .....	4	130,000	82,481	277	63
8.	Wire rope, .....	2	690,000	292,275	302	158
9.	Wire goods, .....	5	150,950	45,611	296	194
10.	Wagon and carriage axles and springs, .....	4	537,000	151,834	257	812
11.	Scales, etc., .....	3	126,000	72,428	276	93
12.	Stoves, ranges, heaters, etc., .....	28	5,288,362	824,232	210	3,350
13.	Bath boilers, tanks, etc., ....	2	52,820	33,394	309	26
14.	Hardware specialties, .....	12	2,950,906	616,848	266	2,388
15.	Edged tools, .....	12	1,675,197	453,478	246	812
16.	Wrenches, picks, etc., .....	5	564,000	118,234	240	248
17.	Locomotives and cars built and repaired, .....	3	1,464,400	3,738,754	273	6,254
18.	Wrought iron pipe and tubes, .....	5	13,555,000	7,973,945	283	5,824
19.	Cast iron pipe, .....	3	340,000	573,580	303	507
20.	Brass, copper and bronze goods, .....	18	1,818,192	1,132,224	295	1,182
21.	Iron and steel bridges, .....	7	961,050	2,008,501	294	1,169
22.	Locomotives, stationary engines, etc., .....	9	11,222,730	4,229,510	306	5,587
23.	Engines, boilers, etc., .....	9	3,641,988	1,403,962	295	1,687
24.	Car springs, axles and railway supplies, .....	9	4,400,325	1,797,987	257	1,948
25.	Iron vessels and engines, ..	3	7,039,973	1,923,035	306	4,044
26.	Boilers, tanks, stacks, etc., .....	20	1,494,562	657,686	300	1,001
27.	Machinery, .....	18	8,587,208	1,699,507	301	3,660
28.	Foundries and machine shops, .....	24	2,991,550	855,744	286	2,058
29.	Files, etc., .....	2	510,000	95,440	275	331

## YEAR 1896.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$88,646	\$433,801	\$2,711 26	\$554 04	\$2 08	33.8	20.4	1,286 tons	1
91,948	292,046	1,587 21	499 71	1 79	40.2	31.5	3,560	2
709,933	1,933,107	1,227 37	459 75	1 54	30.5	36.7	30,888	3
319,833	1,092,865	1,457 15	426 44	1 78	46.3	29.3	.....	4
68,055	460,664	3,091 70	456 74	1 64	54.7	14.8	19,613	5
27,622	95,516	1,027 06	297 01	1 34	41.7	28.9	1,154	6
31,295	165,738	2,630 76	496 75	1 79	49.8	18.9	3,737	7
70,108	615,004	3,892 43	443 72	1 47	47.5	11.4	3,406	8
56,708	217,040	1,118 66	292 31	99	21.0	26.1	.....	9
160,000	503,498	1,613 78	512 82	2 00	30.2	21.8	.....	10
59,550	211,592	2,159 10	607 65	2 20	34.2	28.1	.....	11
1,579,529	3,999,486	1,193 88	471 50	2 25	20.6	39.5	.....	12
12,091	61,186	2,353 31	465 04	1 50	54.6	19.8	.....	13
974,873	2,321,910	972 32	408 24	1 53	26.6	42.0	.....	14
356,401	1,083,068	1,324 04	435 70	1 77	41.9	32.9	.....	15
106,369	363,054	1,463 93	428 91	1 79	32.5	29.3	.....	16
2,035,897	6,983,962	1,116 72	455 43	1 78	54.2	43.4	.....	17
2,170,688	11,907,420	2,236 56	407 72	1 44	66.9	18.2	281,068	18
209,338	862,648	1,701 48	412 89	1 37	66.5	24.3	50,730	19
481,087	2,183,935	1,847 67	407 01	1 38	51.9	22.0	.....	20
590,081	3,429,136	2,933 39	504 77	1 72	58.5	17.2	58,396	21
3,137,295	8,792,061	1,573 66	561 53	1 84	48.1	35.6	.....	22
875,205	2,885,755	1,710 58	518 79	1 76	48.6	30.3	.....	23
806,002	3,451,325	1,771 73	413 76	1 61	52.1	23.4	.....	24
2,320,747	4,991,255	1,234 24	573 87	1 88	38.5	46.5	.....	25
477,949	1,742,562	1,740 82	477 47	1 59	32.0	27.4	.....	26
1,909,304	5,254,323	1,435 61	521 67	1 73	32.3	36.3	.....	27
925,035	2,572,580	1,250 04	449 48	1 57	33.3	36.0	.....	28
108,896	321,222	970 46	228 99	1 20	29.7	33.9	.....	29

## YEAR 1896.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
30.	Saws, etc., .....	3	310,000	37,000	229	54
31.	Plumber supplies, .....	3	2,105,078	*	281	960
32.	Electrical supplies, .....	2	12,412,879	1,289,457	289	2,413
33.	Shovels, scoops, spades, etc.,	8	651,100	913,871	210	545
34.	Safes and vault doors, .....	2	80,000	66,274	307	128
35.	Metal and metallic goods, ..	3	280,400	47,136	234	194
36.	Building and structural iron work, .....	2	823,000	522,584	301	752
37.	Iron chains, .....	5	253,542	127,022	264	231
38.	Iron fences and railings, ....	7	40,500	47,937	293	79
39.	Agricultural implements, ....	10	783,000	1,005,331	287	1,251
40.	Steam pumps, .....	2	280,000	146,725	307	153
41.	Pianos and organs, .....	2	51,000	32,563	271	80
42.	Tinware, .....	5	372,700	218,233	301	284
43.	Paper manufacture, .....	8	4,257,961	1,533,061	262	1,521
44.	Wall paper, .....	3	285,000	356,658	254	330
45.	Cigars, .....	43	2,720,477	2,621,513	287	6,362
46.	Book binding, .....	3	125,000	62,699	301	138
47.	Cordage, rope and twine, ....	5	3,260,000	3,362,991	288	2,055
48.	Paper, paper boxes, envelopes, .....	26	1,464,380	921,157	297	1,799
49.	Pottery, .....	2	510,000	68,215	302	146
50.	Paving brick, .....	7	481,200	32,949	255	437
51.	Building brick, .....	30	3,244,700	139,763	237	1,687
52.	Fire brick, .....	17	2,240,600	423,138	283	1,868
53.	Slate roofing, etc. (tonnage),	6	1,021,451	32,540	229	830
54.	Slate roofing, etc. (squares),	14	511,916	55,722	238	1,254
55.	Window glass, bottles and table goods, .....	20	13,332,300	1,482,143	242	6,911
56.	Glazed and chrome kld, ....	7	3,857,983	5,635,016	299	2,725
57.	Men's, women's mleses' and children's shoes, .....	13	1,927,663	2,367,122	281	3,055
58.	Suspenders, .....	2	82,000	200,986	295	110
59.	Hats and caps, .....	3	273,592	284,499	284	490

\*Incomplete returns of value of basic material

## YEAR 1896.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$25,745	\$88,186	\$1,574 75	\$459 73	\$2 01	42.0	29.0	.....	30
418,864	1,078,000	1,122 92	436 32	1 55	*	38.9	.....	31
1,229,306	3,484,436	1,444 03	509 45	1 76	37.0	35.3	.....	32
217,581	818,573	1,492 80	399 23	1 90	33.6	26.8	.....	33
54,556	151,546	1,183 95	426 22	1 39	43.7	36.0	.....	34
68,892	161,989	834 99	803 66	1 29	23.1	36.3	.....	35
282,148	1,195,156	1,589 30	608 18	1 60	43.8	32.0	.....	36
91,626	331,069	1,433 15	396 22	1 50	38.4	27.7	4,877 tons.	37
37,512	119,601	1,612 67	474 84	1 62	40.1	31.4	.....	38
658,767	2,201,939	1,760 14	466 66	1 56	45.7	25.4	.....	39
121,368	334,056	2,183 31	793 26	2 68	43.9	36.3	.....	40
23,894	94,327	1,179 09	423 67	1 56	34.6	36.9	.....	41
107,539	477,000	1,679 57	378 66	1 26	46.8	22.6	.....	42
580,874	3,370,998	2,216 30	381 90	1 46	47.0	17.2	63,953 tons.	43
103,844	709,613	2,150 33	314 67	1 24	50.3	14.6	18,602,000 rolls.	44
1,754,415	6,908,268	1,085 86	275 76	96	37.9	25.4	299,608,966 cigars.	45
64,957	167,856	1,216 35	470 70	1 56	37.3	88.7	.....	46
618,977	4,777,490	2,324 81	301 21	1 05	70.4	13.0	.....	47
488,894	1,985,909	1,103 81	271 76	91	46.4	24.6	.....	48
72,562	206,732	1,415 97	497 00	1 64	32.9	35.1	.....	49
142,710	333,078	762 19	326 64	1 28	9.9	42.9	.....	50
602,625	1,369,641	811 88	357 22	1 51	10.2	40.0	187,792,969 brick.	51
727,162	1,639,926	877 90	389 26	1 37	25.8	44.3	329,925 tons.	52
261,993	890,376	470 33	303 61	1 33	8.8	64.6	33,936 tons.	53
397,384	590,266	470 79	216 89	1 33	9.4	67.3	180,098 squares.	54
2,620,250	6,857,448	847 55	379 14	1 66	25.3	44.7	.....	55
962,342	8,049,667	2,954 00	363 16	1 18	70.0	11.9	887,242 dozens.	56
1,045,202	4,364,613	1,425 37	342 18	1 22	54.4	24.0	2,813,072 pairs.	57
80,986	\$19,100	2,900 91	281 24	95	63.0	9.7	142,000 dozens.	58
121,160	526,607	1,286 10	296 23	1 22	54.1	23.1	65,867 dozens.	59

## YEAR 1896.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
60.	Fur and felt hats, .....	4	\$2,778,726	\$443,621	307	962
61.	Wool hats, .....	6	288,997	237,917	274	365
62.	Umbrellas and parasols, ....	4	407,435	656,219	307	589
63.	Dress trimmings, braids, etc.	8	1,158,296	536,719	287	1,104
64.	Shirts and shirt waists, .....	8	880,500	934,153	286	1,670
65.	Neckwear, .....	3	185,000	217,642	308	190
66.	Cotton and woolen cloths, ..	19	2,725,847	2,498,212	273	3,920
67.	Carpets, .....	17	3,150,625	2,131,394	264	2,263
68.	Cotton goods, .....	13	2,097,649	1,268,143	263	2,412
69.	Woolen and worsted cassimeres, .....	10	1,261,623	1,009,246	269	1,332
70.	Woolens and worsted fabrics, ..	13	2,792,236	1,929,913	244	2,616
71.	Woolen and worsted yarns, ..	12	2,669,270	1,211,445	243	1,526
72.	Rugs, yarns, etc., .....	4	4,935,723	1,520,280	254	2,768
73.	Carpet yarns, .....	10	928,500	784,240	265	538
74.	Cotton yarns, .....	6	1,171,209	722,185	266	653
75.	Worsted, woolen and cotton yarns, .....	8	1,405,274	1,104,221	245	1,072
76.	Woolen blankets, flannels, etc., .....	5	669,730	620,465	304	717
77.	Lace goods, .....	3	741,000	190,499	274	763
78.	Chenille goods, .....	2	400,000	239,851	284	460
79.	Upholstery goods, .....	7	810,000	928,222	288	1,064
80.	Knit goods, underwear, .....	13	1,750,000	1,759,305	271	2,333
81.	Hosiery, .....	31	1,997,318	1,626,945	256	4,757
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	1,374,700	2,273,478	274	2,229
83.	Silk, broad goods and ribbons, .....	2	1,650,000	700,000	301	1,300
84.	Silk, ribbons, .....	3	193,882	219,273	300	372
Total, .....		710	\$170,169,195	\$81,679,955	267	122,138



## YEAR 1896.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity	No.
\$385,170	\$1,447,818	\$1,503 45	\$399 97	\$1 30	39.6	26.6	47,026 dozens.	60
119,023	474,177	1,299 12	326 09	1 19	50.2	25.1	159,249 dozens.	61
136,441	1,109,989	1,884 53	231 65	75	59.1	12.3	\$25,571 pieces.	62
299,043	1,218,500	1,193 71	270 87	94	44.0	24.5	.....	63
499,108	2,006,491	1,201 49	298 87	1 05	46.6	24.9	179,869 dozens.	64
72,910	381,745	2,009 18	383 74	1 25	57.0	19.1	.....	65
1,267,417	4,758,580	1,213 92	323 32	1 18	52.5	26.6	.....	66
784,416	3,632,760	1,605 29	346 63	1 31	58.7	21.6	10,752,952 yards.	67
683,726	2,324,292	963 63	283 47	1 08	54.6	29.4	.....	68
411,969	1,932,777	1,450 28	309 29	1 15	52.2	21.3	.....	69
728,707	3,575,713	1,366 86	278 86	1 14	54.0	20.4	.....	70
411,043	2,012,851	1,319 04	269 36	1 09	60.2	20.4	9,334,353 pounds.	71
915,538	3,311,989	1,196 53	330 76	1 30	45.9	27.6	.....	72
181,463	1,148,783	2,135 28	337 29	1 27	68.3	15.5	10,069,500 pounds.	73
178,359	1,078,630	1,651 81	273 14	1 03	66.9	16.5	7,333,685 pounds.	74
321,264	1,798,409	1,677 62	299 69	1 22	61.4	17.9	4,451,655 pounds.	75
257,057	1,282,412	1,788 58	358 52	1 18	48.4	20.0	.....	76
193,765	909,289	1,191 73	253 95	93	20.9	21.3	.....	77
113,738	402,176	874 29	247 26	87	59.6	28.3	.....	78
385,437	1,687,495	1,585.98	302 25	1 26	55.0	22.8	.....	79
611,923	2,978,552	1,276 70	262 29	97	59.1	20.6	.....	80
1,130,215	3,744,935	787 25	237 69	93	43.4	30.2	4,463,537 dozens.	81
543,285	3,288,568	1,475 35	243 73	89	69.1	16.5	.....	82
325,323	1,450,181	1,115 52	250 25	83	48.3	22.4	2,128,571 yards.	83
95,315	534,384	1,436 52	256 22	85	41.0	17.8	7,364,945 yards.	84
\$46,736,124	\$169,806,501	\$1,390 28	\$382 65	\$1 43	48.1	27.5	.....	

## YEAR 1897.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Tool steel, etc., .....	3	\$608,000	\$74,610	242	159
2.	Iron and steel forgings, .....	5	281,000	101,503	295	177
3.	Malleable iron, .....	4	493,925	455,890	292	1,404
4.	Bolts, nuts, etc., .....	7	1,776,264	452,699	257	732
5.	Wire nails, rivets, etc., .....	3	515,000	210,833	270	144
6.	Tacks and small nails, .....	3	109,000	33,362	204	92
7.	Wire, .....	4	132,100	84,207	254	78
8.	Wire rope, .....	2	700,000	230,111	303	166
9.	Wire goods, .....	5	154,450	58,563	300	215
10.	Wagon and carriage axles and springs, .....	4	537,000	148,176	271	310
11.	Scales, etc., .....	3	131,001	77,026	287	104
12.	Stoves, ranges, heaters, etc., .....	28	5,351,350	825,136	229	3,447
13.	Bath boilers, tanks, etc., ..	2	54,000	31,163	305	28
14.	Hardware specialties, .....	12	3,124,106	650,380	274	2,545
15.	Edged tools, .....	12	1,613,064	223,034	227	827
16.	Wrenches, picks, etc., .....	5	571,000	152,785	266	293
17.	Locomotives and cars built and repaired, .....	3	1,464,400	3,276,309	282	5,742
18.	Wrought iron pipe and tubes, .....	5	13,505,000	7,101,673	298	5,110
19.	Cast iron pipe, .....	3	613,059	767,967	302	615
20.	Brass, copper and bronze goods, .....	18	1,808,192	1,108,237	294	1,755
21.	Iron and steel bridges, .....	7	961,050	1,731,721	298	1,177
22.	Locomotives, stationary engines, etc., .....	9	11,643,157	3,933,971	306	5,651
23.	Engines, boilers, etc., .....	9	3,657,988	1,238,535	294	1,538
24.	Car springs, axles and railway supplies, .....	9	3,930,116	1,507,006	280	2,006
25.	Iron vessels and engines, ....	3	7,274,993	2,020,359	305	3,447
26.	Boilers, tanks, stacks, etc., .....	20	1,574,265	787,048	299	988
27.	Machinery, .....	18	8,710,724	1,647,046	307	3,778
28.	Foundries and machine shops, .....	24	3,012,486	1,035,189	235	2,034
29.	Files, etc., .....	3	510,000	92,201	266	346
30.	Saws, etc., .....	3	335,000	26,812	310	50

## YEAR 1897.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$74,319	\$270,029	\$1,698 20	\$467 42	\$1 53	27.6	27.5	694 tons.	1
90,997	253,802	1,433 91	514 11	1 74	40.0	39.8	2,838 tons.	2
617,054	1,627,267	1,159 02	469 56	1 58	28.0	39.3	27,466 tons.	3
245,696	970,899	1,326 36	335 65	1 31	46.6	25.3	.....	4
62,402	376,767	2,616 44	433 25	1 60	56.0	16.6	\$,683 tons.	5
25,152	85,986	934 63	273 59	1 31	38.8	29 3	1,271 tons.	6
30,380	168,503	2,160 29	389 49	1 53	50.0	18 0	2,459 tons.	7
74,810	596,192	3,591 52	450 67	1 49	38.6	12.5	3,420 tons.	8
66,854	259,311	1,206 10	310 95	1 03	22.6	25.8	.....	9
166,663	506,809	1,634 87	537 62	1 98	29.2	32.9	.....	10
61,985	221,765	2,161 19	596 01	2 08	34.3	27.6	.....	11
1,600,604	4,067,063	1,179 89	464 35	2 03	20.3	39.3	.....	12
12,498	63,699	2,274 97	446 36	1 46	48 9	19.6	.....	13
1,025,878	2,633,530	1,031 79	403 10	1 47	24.7	39.0	.....	14
304,988	781,832	945 33	368 79	1 62	28.5	39.0	.....	15
123,034	462,043	1,576 94	419 91	1 58	33.0	26.6	.....	16
3,019,356	6,634,498	1,133 02	524 84	1 86	50 2	46.2	.....	17
2,045,620	11,341,565	2,219 49	400 32	1 34	62.6	18.0	297,601 tons.	18
250,934	1,184,240	1,925 59	408 02	1 35	64.8	21.2	72,030 tons.	19
466,965	1,971,452	1,706 88	404 30	1 38	55.7	23.7	54,013 tons.	20
564,817	3,115,371	2,646 87	479 88	1 61	55.6	18.1	.....	21
3,032,837	8,531,117	1,509 67	536 69	1 75	46.1	35.6	.....	22
761,903	2,465,000	1,634 61	505 11	1 72	50.2	30.9	.....	23
767,001	3,271,106	1,630 57	382 35	1 37	46.1	23.4	.....	24
1,881,993	4,588,448	1,331 14	545 98	1 79	44.0	41.0	.....	25
483,785	1,750,625	1,771 89	489 66	1 64	45.0	27.6	.....	26
1,924,115	5,324,440	1,409 33	509 29	1 66	20.9	36.1	.....	27
969,417	2,913,283	1,432 09	476 61	1 62	35.5	33.3	.....	28
110,805	329,533	952 40	320 44	1 20	28.0	33.6	.....	29
21,557	71,437	1,428 76	431 14	2 05	37.5	30.2	.....	30

## YEAR 1897.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed
31.	Plumber supplies, .....	3	\$2,043,751	\$ *	269	921
32.	Electrical supplies, .....	2	12,445,926	1,317,724	296	2,059
33.	Shovels, scoops, spades, etc.,	8	651,100	276,019	219	511
34.	Safes and vault doors, .....	2	68,000	63,173	301	125
35.	Metal and metallic goods, ..	3	250,400	50,060	258	207
36.	Building and structural iron work, .....	2	823,000	686,899	302	662
37.	Iron chains, .....	5	258,542	126,244	272	231
38.	Iron fences and railings, ....	7	42,500	58,623	298	100
39.	Agricultural implements, ....	10	1,785,000	1,002,208	294	1,277
40.	Steam pumps, .....	2	376,974	127,524	307	140
41.	Pianos and organs, .....	2	51,000	37,083	292	77
42.	Tinware, .....	5	374,000	216,243	301	275
43.	Paper manufacture, .....	8	4,425,013	1,451,820	277	1,474
44.	Wall paper, .....	3	345,000	389,158	281	341
45.	Cigars, .....	43	2,935,250	3,185,358	291	7,097
46.	Book binding, .....	3	126,500	62,018	280	137
47.	Cordage, rope and twine, ....	5	3,260,000	3,484,048	317	2,119
48.	Paper, paper boxes, envelopes, etc., .....	26	1,475,020	946,382	301	1,881
49.	Pottery, .....	2	560,000	56,290	287	145
50.	Paving brick, .....	7	521,500	25,156	247	429
51.	Building brick, .....	50	3,275,347	146,339	232	1,594
52.	Fire brick, .....	17	2,421,783	382,434	281	1,928
53.	Slate roofing, etc. (tonnage),	6	1,941,800	36,721	226	830
54.	Slate roofing, etc. (squares),	14	513,914	66,448	239	1,354
55.	Window glass, bottles and table goods, .....	29	13,347,382	1,602,952	266	6,971
56.	Glazed and chrome kid, .....	7	4,068,915	7,036,904	301	3,255
57.	Men's, women's, misses' and children's shoes, .....	13	1,986,151	2,626,133	294	3,173
58.	Suspenders, .....	2	92,000	233,500	403	129
59.	Hats and caps, .....	3	307,789	418,877	289	489
60.	Fur and felt hats, .....	4	2,782,743	476,658	308	1,048

\*Incomplete returns of value of basic material.

## YEAR 1897.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$377,194	\$962,000	\$1,044 52	\$409 55	\$1 52	*	39.2	.....	31
1,122,423	3,322,684	1,620 82	547 52	1 85	39.6	31.8	.....	32
202,067	803,048	1,571 52	395 43	1 81	34.4	25.2	.....	33
59,906	157,476	1,259 81	479 25	1.59	40.1	38.0	.....	34
65,704	184,101	889 37	317 41	1 23	27.2	35.7	.....	35
344,442	1,249,288	1,887 14	520 31	1 72	55.0	27.6	.....	36
96,671	336,049	1,456 06	418 49	1 54	37.6	28.8	4,898 tons.	37
48,923	145,641	1,456 41	489 23	1 64	40.3	33.6	.....	38
574,134	2,377,824	1,862 04	449 60	1.53	42.1	24.1	.....	39
103,105	249,488	1,782 06	736 46	2 40	51 1	41.3	.....	40
33,542	95,599	1,241 54	435 61	1 49	38.8	35.1	.....	41
106,907	467,000	1,698 18	388 75	1 29	46.3	22.9	.....	42
588,144	3,310,376	2,215 85	399 01	1 44	42.9	17.8	59,852 tons.	43
109,043	813,000	2,384 16	319 77	1 14	47.9	13.4	16,748,793 rolls.	44
1,981,907	7,856,987	1,107 08	279 26	96	40.5	25.2	255,026,881 cigars.	45
66,378	162,373	1,185 20	484 51	1 73	38.2	40.9	.....	46
683,523	4,713,313	2,224 31	322 57	1 02	73.9	14.5	.....	47
504,332	2,017,254	1,072 44	268 12	89	46.9	25.0	.....	48
68,011	192,167	1,325 29	469 04	1 63	29.3	35.4	.....	49
144,002	348,220	811 70	335.67	1 36	7.2	41.4	.....	50
581,789	1,370,056	859 51	364 99	1 57	10.7	42.5	184,346,308 bricks.	51
719,308	1,570,074	814 35	373 08	1 33	24.4	45.8	330,914 tons.	52
270,398	515,919	621 59	325 78	1 44	7.1	52.4	43,595 tons.	53
434,572	726,445	586 52	320 95	1 34	9.1	59.8	223,844 squares.	54
2,925,427	6,573,961	943 04	419 66	1 58	24.4	44.5	.....	55
1,285,138	10,649,292	3,271 67	394 82	1 31	66.8	12.7	1,139,807 dozens.	56
1,133,413	4,624,213	1,457 36	357 21	1 22	56.8	24.5	3,132,555 pairs.	57
33,936	349,100	2,909 17	282 80	70	66.9	9.7	152,000 dozens	58
179,336	782,060	1,599 20	366 74	1 27	52.9	22.9	103,934 dozens	59
514,651	1,558,607	1,487 22	491 08	1 59	30.6	23.0	51,025 dozens	60

## YEAR 1897.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
61.	Wool hats, .....	6	\$336,153	\$286,493	256	377
62.	Umbrellas and parasols, ....	4	404,000	708,157	307	575
63.	Dress trimmings, braids, etc.	3	1,176,796	685,631	295	1,393
64.	Shirts and shirt waists, .....	8	882,500	930,965	298	1,693
65.	Neckwear, .....	2	135,000	200,833	306	174
66.	Cotton and woolen cloth, ....	19	2,870,946	3,237,751	291	4,129
67.	Carpets, .....	17	3,240,181	2,765,114	292	2,704
68.	Cotton goods, .....	13	2,520,610	1,315,221	278	2,450
69.	Woolen and worsted cassi- meres, .....	10	1,303,549	1,410,509	276	1,531
70.	Woolen and worsted fabrics,	13	2,989,627	2,765,780	288	3,086
71.	Woolen and worsted yarns, .	12	1,719,270	2,111,958	290	1,532
72.	Rugs, yarns, etc., .....	4	4,518,779	1,427,684	269	2,703
73.	Carpet yarns, .....	10	942,575	1,200,068	298	600
74.	Cotton yarns, .....	6	1,171,210	707,696	274	677
75.	Worsted, woolen and cotton yarns, .....	8	1,405,274	1,609,607	287	1,258
76.	Woolen blankets, flannels, etc., .....	5	687,000	638,333	301	719
77.	Lace goods, .....	3	741,300	252,059	206	855
78.	Chenille goods, .....	2	400,000	269,695	300	516
79.	Upholstery goods, .....	7	835,000	1,016,496	299	1,156
80.	Knit goods, underwear, ....	13	1,798,000	1,925,739	289	2,570
81.	Hosiery, .....	31	2,154,951	2,117,807	290	5,606
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	1,424,700	3,264,490	301	3,368
83.	Silk, broad goods and rib- bons, .....	2	1,650,000	1,000,000	301	2,050
84.	Silk, ribbons, .....	3	261,437	316,395	297	450
Total, .....		710	\$173,405,857	\$88,837,520	286	127,461



## YEAR 1897.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$125,798	\$562,574	\$1,492 24	\$333 68	\$1 30	50.9	22.4	165,830 dozens.	61
170,504	1,185,705	2,062 10	296 53	97	59.7	14.4	\$89,043 pieces.	62
380,240	1,471,696	1,056 49	272 97	93	46.6	25.8	.....	63
468,143	1,865,497	1,101 89	276 52	93	49.9	25.1	175,401 dozens.	64
62,988	353,886	2,033 83	362 00	1 18	56.8	17.8	.....	65
1,462,133	5,567,113	1,348 29	354 11	1 22	58.2	26.3	.....	66
\$98,918	4,544,385	1,680 61	364 98	1 25	60.8	21.7	13,612,975 yards.	67
757,967	2,546,889	1,039 54	309 37	1 11	51.6	29.7	.....	68
514,127	2,561,227	1,672 91	335 81	1 22	55.1	20.1	.....	69
956,726	4,870,660	1,578 31	310 02	1 08	56.8	19.6	.....	70
491,309	3,111,819	2,031 21	320 70	1 11	67.9	15.8	13,427,719 pounds.	71
887,464	3,210,495	1,187 75	328 32	1 22	44.5	27.6	.....	72
224,083	1,658,051	2,763 42	373 47	1 25	72.4	13.5	13,378,000 pounds.	73
190,350	1,682,331	1,598 72	281 17	1 03	65.4	17.6	7,834,651 pounds.	74
387,254	2,493,449	1,982 07	307 83	1 07	64.6	15.5	5,370,096 pounds.	75
264,403	1,221,499	1,698 89	367 74	1 22	52.3	21.6	.....	76
223,436	1,086,945	1,271 28	261 33	88	23.2	20.6	.....	77
140,324	468,050	907 07	271 94	90	57.6	29.9	.....	78
450,305	1,890,931	1,635 75	389 54	1 30	53.7	23.8	.....	79
674,072	3,338,148	1,298 89	262 28	91	57.7	20.2	.....	80
377,150	4,518,589	806 03	245 66	85	46.9	30.5	5,366,913 dozens.	81
764,088	4,705,925	1,397 28	226 87	75	69.4	16.2	.....	82
477,694	2,371,966	1,157 06	233 02	77	42.1	20.1	3,304,064 yards.	83
142,583	660,111	1,466 91	316 85	1 07	47.9	21.6	6,853,742 yards.	84
\$47,852,604	\$182,572,176	\$1,432 37	\$375 43	\$1 32	48.7	26.2	.....	

## YEAR 1898.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Tool steel, etc., .....	3	\$690,000	\$89,554	311	214
2.	Iron and steel forgings, .....	5	333,850	129,563	297	204
3.	Malleable iron, .....	4	532,600	698,054	298	1,640
4.	Bolts, nuts, etc., .....	7	1,787,994	564,979	270	772
5.	Wire nails, rivets, etc., ....	3	512,950	212,967	307	144
6.	Tacks and small nails, .....	3	69,000	27,549	256	46
7.	Wire, .....	4	145,500	111,604	322	103
8.	Wire rope, .....	2	700,000	243,135	303	190
9.	Wire goods, .....	5	155,050	62,195	301	225
10.	Wagon and carriage axles and springs, .....	4	547,000	129,653	292	364
11.	Scales, etc., .....	3	136,000	80,225	298	116
12.	Stoves, ranges, heaters, etc.,	28	5,423,761	851,749	238	3,536
13.	Bath boilers, tanks, etc., ....	2	54,000	30,676	302	32
14.	Hardware specialties, .....	12	3,195,412	687,983	258	2,777
15.	Edged tools, .....	12	1,646,820	293,289	291	878
16.	Wrenches, picks, etc., .....	5	571,000	143,063	283	272
17.	Locomotives and cars built and repaired, .....	3	1,442,800	4,191,152	296	5,965
18.	Wrought iron pipe and tubes,	5	13,505,000	8,285,486	303	5,693
19.	Cast iron pipe, .....	3	641,710	810,511	296	689
20.	Brass, copper and bronze goods, .....	18	1,818,450	1,308,588	297	1,299
21.	Iron and steel bridges, .....	7	961,050	2,126,144	302	1,423
22.	Locomotives, stationary en- gines, etc., .....	9	12,118,787	5,386,109	305	7,067
23.	Engines, boilers, etc., .....	9	3,663,783	1,448,549	304	1,748
24.	Car springs, axles and rail- way supplies, .....	9	3,962,258	2,133,451	294	2,761
25.	Iron vessels and engines, ...	3	7,262,278	2,997,076	304	5,364
26.	Boilers, tanks, stacks, etc.,	20	1,606,210	1,074,963	302	1,236
27.	Machinery, .....	18	9,086,053	1,991,886	300	4,362
28.	Foundries and machine shops,	24	3,111,069	1,250,763	296	2,380
29.	Files, etc., .....	2	512,000	82,739	278	369
30.	Saws, etc., .....	3	335,000	26,087	244	47

## YEAR 1898.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$153,303	\$445,065	\$2,079 74	\$716 37	\$2 30	20.1	34.4	1,086 tons.	1
119,703	321,576	1,576 35	586 78	1 97	40.3	37.2	5,224 tons.	2
776,815	2,288,315	1,395 31	473 67	1 59	30.5	33.9	38,228 tons.	3
278,649	1,122,341	1,453 81	360 95	1 34	50.3	24.8	.....	4
72,535	425,018	2,951 51	503 71	1 64	50.1	17.1	11,524 tons.	5
17,883	74,260	1,614 85	388 76	1 52	37.1	24.1	1,020 tons.	6
53,590	235,674	2,288 10	520 29	1 61	47.4	22.7	3,059 tons.	7
88,858	655,466	3,449 82	467 67	1 54	37.9	13.6	3,749 tons.	8
63,323	323,568	1,419 16	277 73	92	19.2	19.6	.....	9
198,412	601,206	1,651 64	545 09	1 87	21.5	32.0	.....	10
68,360	235,364	2,029 00	606 55	2 04	34.9	29.0	.....	11
1,709,618	4,124,160	1,166 33	483 49	2 03	20.6	41.4	.....	12
13,611	62,102	1,940 69	425 34	1 41	49.4	21.9	.....	13
1,094,929	2,757,666	993 04	394 29	1 53	24.9	89.7	.....	14
401,694	1,069,190	1,217 76	457 51	1 57	27.4	37.6	.....	15
139,125	494,058	1,816 39	511 49	1 88	29.0	28.1	.....	16
3,411,544	8,000,396	1,341 22	571 93	1 93	52.4	42.6	.....	17
2,451,501	14,552,862	2,556 27	430 62	1 42	56.9	16.9	358,304 tons.	18
263,550	1,260,038	1,828 79	382 51	1 29	64.3	20.1	79,212 tons	19
560,336	2,381,695	1,833 48	431 36	1 45	54.9	23.5	.....	20
647,664	3,717,213	2,612 24	465 14	1 51	57.2	17.4	73,781	21
4,559,167	12,862,598	1,614 48	572 26	1 88	41.9	35.5	.....	22
916,593	2,895,346	1,656 38	524 37	1 72	50.0	31.7	.....	23
1,270,991	6,609,331	2,393 82	460 34	1 57	32.8	19.2	.....	24
2,880,847	6,635,431	1,232 34	535 08	1 76	46.2	43.4	.....	25
591,587	2,272,755	1,838 90	478 63	1 58	47.3	26.0	.....	26
2,369,926	6,372,564	1,460 93	543 31	1 81	31.3	37.2	.....	27
1,159,177	3,522,759	1,480 15	487 05	1 64	35.5	32.9	.....	28
117,553	400,465	1,085 27	318 57	1 15	20.7	29.4	.....	29
22,989	76,338	1,624 21	488 06	2 00	36.8	30.0	.....	30

## YEAR 1898.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
31.	Plumber supplies, .....	3	\$2,031,622	\$ *	290	565
32.	Electrical supplies, .....	2	13,490,686	2,286,589	246	3,390
33.	Shovels, scoops, spades, etc.,	8	648,100	296,298	246	523
34.	Safes and vault doors, .....	2	68,000	65,984	298	121
35.	Metal and metallic goods, ..	3	390,000	58,176	255	225
36.	Building and structural iron work, .....	2	\$23,000	1,241,336	307	841
37.	Iron chains, .....	5	264,542	165,742	298	269
38.	Iron fences and railings, ..	7	46,000	81,971	305	126
39.	Agricultural implements, ....	10	1,833,000	1,145,677	300	1,454
40.	Steam pumps, .....	2	380,871	123,813	304	151
41.	Pianos and organs, .....	2	117,000	57,843	294	95
42.	Tinware, .....	5	374,000	217,433	300	278
43.	Paper manufacture, .....	8	4,771,595	1,486,541	283	1,483
44.	Wall paper, .....	3	360,500	479,750	282	362
45.	Cigars, .....	43	2,979,190	3,557,479	293	7,607
46.	Book binding, .....	3	130,000	65,522	283	156
47.	Cordage, rope and twine, ....	5	3,260,000	3,524,381	312	2,091
48.	Paper, paper boxes, envelopes, etc., .....	26	1,456,372	1,020,438	302	2,435
49.	Pottery, .....	2	560,000	56,589	291	153
50.	Paving brick, .....	7	549,644	23,113	246	447
51.	Building brick, .....	30	3,320,386	146,374	223	1,654
52.	Fire brick, .....	17	2,556,283	418,484	243	2,327
53.	Slate roofing, etc. (tonnage),	6	1,022,007	32,421	245	722
54.	Slate roofing, etc. (squares),	14	704,913	69,499	177	1,875
55.	Window glass, bottles and table goods, .....	20	13,382,482	1,560,330	277	7,555
56.	Glazed and chrome kld, .....	7	4,163,993	8,092,540	298	3,745
57.	Men's, women's, misses' and children's shoes, .....	13	2,081,931	2,841,011	293	3,398
58.	Suspenders, .....	2	\$5,000	245,000	297	127
59.	Hats and caps, .....	3	296,773	377,205	286	560
60.	Fur and felt hats, .....	4	2,775,406	494,917	207	1,897

\*Incomplete returns of value of basic material

## YEAR 1898.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$432,969	\$1,097,058	\$1,136 85	\$448 67	\$1 55	*	39.5	.....	31
1,875,021	6,664,895	1,966 05	553 10	1 84	31.8	28.1	.....	32
236,593	997,314	1,888 85	448 09	1 82	29.7	23.7	.....	33
61,012	153,085	1,265 17	504 23	1 69	43.1	39.9	.....	34
74,084	207,496	922 20	329 26	1 29	28.0	35.7	.....	35
441,539	2,057,639	2,446 66	525 02	1 71	60.3	21.4	.....	36
120,291	409,304	1,521 58	447 18	1 50	40.5	29.4	6,307 tons.	37
57,197	187,059	1,484 60	453 94	1 49	43.8	30.6	.....	38
678,306	2,781,546	1,913 03	466 51	1 55	41.2	24.4	.....	39
112,032	313,511	2,076 23	741 93	2 44	39.5	35.7	.....	40
45,882	136,971	1,441 80	482 97	1 64	42.2	33.5	.....	41
103,119	469,200	1,687 77	370 93	1 24	46.3	22.0	.....	42
591,810	3,315,552	2,235 71	399 06	1 41	44.8	17.8	55,014 tons.	43
124,400	939,901	2,596 41	343 65	1 22	51.0	13.2	20,288,862 rolls.	44
2,176,229	8,623,190	1,133 59	286 08	97	41.2	25.2	354,100,667 cigars.	45
75,293	180,567	1,157 48	482 65	1 70	36.3	41.7	.....	46
674,993	4,947,813	2,366 24	322 81	1 03	71.2	13.6	.....	47
560,100	2,247,556	923 02	230 02	76	45.4	24.9	.....	48
73,799	226,326	1,479 25	482 34	1 66	25.0	32.6	.....	49
148,144	367,395	821 91	331 42	1 35	6.3	40.3	.....	50
594,379	1,346,483	814 08	359 36	1 58	11 1	44.1	214,155,962 bricks.	51
843,336	1,915,392	823 12	362 41	1 49	21.8	44.0	408,796 tons.	52
250,225	537,702	705 64	328 38	1 34	6.0	46.5	37,109 tons.	53
472,437	756,997	403 72	251 97	1 42	9.2	62.4	273,928 squares.	54
3,318,548	7,543,866	998 53	439 25	1 59	20.7	44.0	.....	55
1,472,762	12,691,322	3,338 87	393 26	1 32	63.8	11.6	1,332,785 dozens.	56
1,237,417	5,073,265	1,493 02	364 16	1 22	56.0	24.4	3,156,261 pairs.	57
41,000	391,500	3,082 68	322 83	1 09	62.6	10.5	165,000 dozens.	58
176,883	737,149	1,316 84	314 97	1 10	51.2	23.9	100,663 dozens.	59
595,085	1,731,088	1,877 16	478 42	1 54	28.6	24.4	55,928 dozens	60

## YEAR 1898.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
61.	Wool hats, .....	6	\$385,094	\$261,663	275	413
62.	Umbrellas and parasols, ....	4	327,000	754,090	308	505
63.	Dress trimmings, braids, etc.,	8	1,229,296	876,508	298	1,542
64.	Shirts and shirt waists, ....	8	908,200	1,084,660	298	1,843
65.	Neckwear, .....	3	135,000	214,342	308	183
66.	Cotton and woolen cloth, ....	19	2,799,346	3,144,131	266	4,080
67.	Carpets, .....	17	3,339,213	2,850,838	292	2,753
68.	Cotton goods, .....	13	2,572,328	1,277,584	291	2,515
69.	Woolen and worsted cassi- meres, .....	10	1,265,000	1,554,426	263	1,664
70.	Woolen and worsted fabrics,	13	3,128,392	2,867,087	289	2,840
71.	Woolen and worsted yarns, .	12	2,216,000	1,994,012	289	1,445
72.	Rugs, yarns, etc., .....	4	4,631,824	1,361,967	274	2,592
73.	Carpet yarns, .....	10	943,000	922,021	268	563
74.	Cotton yarns, .....	6	1,179,433	720,880	293	753
75.	Worsted, woolen and cotton yarns, .....	8	1,419,112	1,412,273	231	1,247
76.	Woolen blankets, flannels, etc., .....	5	696,500	1,133,808	351	1,063
77.	Lace goods, .....	3	795,000	290,322	307	974
78.	Chenille goods, .....	2	400,000	309,595	300	459
79.	Upholstery goods, .....	7	835,000	1,157,896	299	1,213
80.	Knit goods, underwear, ....	13	1,833,600	2,058,746	280	2,568
81.	Hosiery, .....	31	2,347,041	2,312,556	286	5,917
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	1,777,500	3,680,921	293	3,622
83.	Silk, broad goods and rib- bons, .....	2	1,660,000	1,200,000	302	2,200
84.	Silk, ribbons, .....	3	305,111	348,131	297	523
Total, .....		710	\$178,588,674	\$101,497,555	286	141,819



## YEAR 1898.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$124,339	\$555,565	\$1,345 19	\$301 06	\$1 03	47.1	22.4	170,350 dozens.	61
135,627	1,156,372	2,289 85	268 57	87	65.2	11.7	889,952 pieces.	62
413,277	1,708,275	1,107 11	267 84	90	51.3	24.2	.....	63
508,836	2,083,596	1,130 55	276 09	93	52.1	24.4	317,188 dozens.	64
68,975	375,689	2,052 95	376 91	1 22	57.1	18.4	.....	65
1,467,265	5,562,908	1,363 45	359 62	1 35	56.5	26.4	.....	66
998,647	4,823,328	1,752 03	362 75	1 24	59 1	20.7	12,564,587 yards.	67
808,021	2,621,896	1,030 21	317 40	1 09	48.7	30.8	.....	68
557,154	2,760,158	1,658 75	334 83	1 28	56.4	20 3	.....	69
977,859	4,945,241	1,741 28	343 96	1 19	58.0	19.8	.....	70
453,110	3,819,936	2,643 55	313 57	1 09	52.2	11.8	9,307,876 pounds.	71
898,877	3,209,295	1,238 15	346 79	1 26	42.4	28.0	.....	72
189,233	1,273,756	2,262 44	336 12	1 25	72.4	14.9	10,620,940 pounds.	73
226,506	1,178,486	1,565 05	300 80	1 03	61.1	19.2	8,571,169 pounds.	74
365,258	2,214,168	1,775 59	292 91	1 27	63.8	16.5	4,738,902 pounds.	75
350,302	2,107,398	1,982 50	329 54	94	53.8	16.6	.....	76
269,910	1,219,698	1,252 26	277 11	90	23.8	22.1	.....	77
142,271	498,280	1,085 58	309 95	1 03	62.1	28.5	.....	78
520,772	2,103,904	1,734 46	429 32	1 44	55.0	24.7	.....	79
686,552	3,493,036	1,360 22	267 35	95	58.9	19.6	.....	80
1,483,567	4,880,155	824 77	250 73	88	47.4	30.4	7,181,631 dozens.	81
856,927	5,418,662	1,496 04	236 59	80	67.9	15.8	.....	82
516,061	2,898,933	1,317 70	234 57	78	41.4	17.8	3,712,633 yards.	83
155,135	762,606	1,458 14	296 62	1 00	45.6	20.3	8,911,626 yards.	84
\$57,312,659	\$217,514,078	\$1,533 74	\$404 12	\$1 41	47.1	26.4	.....	

## YEAR 1899.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Tool steel, etc., .....	3	\$690,000	\$96,154	291	209
2.	Iron and steel forgings, .....	5	350,800	199,758	300	257
3.	Malleable iron, .....	4	1,527,533	839,640	298	1,831
4.	Bolts, nuts, etc., .....	7	1,811,116	1,219,189	298	1,032
5.	Wire nails, rivets, etc., .....	3	545,000	341,940	270	180
6.	Tacks and small nails, .....	3	109,000	58,184	287	108
7.	Wire, .....	4	255,800	122,561	329	137
8.	Wire rope, .....	2	700,000	361,009	304	232
9.	Wire goods, .....	5	170,550	88,686	301	257
10.	Wagon and carriage axles and springs, .....	4	555,000	258,314	286	454
11.	Scales, etc., .....	3	166,000	103,309	302	141
12.	Stoves, ranges, heaters, etc., .....	23	5,359,899	1,064,535	255	3,601
13.	Bath boilers, tanks, etc., ....	2	59,000	44,809	304	45
14.	Hardware specialties, .....	12	3,413,276	1,028,564	280	3,190
15.	Edged tools, .....	12	1,233,793	399,445	294	1,018
16.	Wrenches, picks, etc., .....	5	571,000	228,910	293	341
17.	Locomotives and cars built and repaired, .....	3	1,461,400	5,634,355	304	6,655
18.	Wrought iron pipe and tubes, .....	5	14,101,131	15,485,996	289	8,754
19.	Cast iron pipe, .....	3	896,776	912,507	252	740
20.	Brass, copper and bronze goods, .....	18	1,840,750	2,127,888	303	1,477
21.	Iron and steel bridges, .....	7	1,001,050	3,193,878	280	1,680
22.	Locomotives, stationary engines, etc., .....	9	12,956,218	8,606,253	307	9,827
23.	Engines, boilers, etc., .....	9	3,769,999	2,251,596	301	1,968
24.	Car springs, axles and railway supplies, .....	9	25,675,264	9,436,336	310	5,917
25.	Iron vessels and engines, ....	3	7,866,622	5,117,837	296	6,168
26.	Boilers, tanks, stacks, etc., .....	20	1,807,238	1,598,563	304	1,467
27.	Machinery, .....	18	9,439,473	2,860,921	303	5,261
28.	Foundries and machine shops, .....	24	3,871,293	1,839,282	304	3,024
29.	Files, etc., .....	2	512,000	105,104	302	394
30.	Saws, etc., .....	3	385,000	31,600	250	47

## YEAR 1899.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No
\$140,945	\$479,480	\$2,294 16	\$674 38	\$2 32	20.1	29.4	1,295 tons	1
151,795	529,027	2,058 47	590 64	1 97	37.8	28.7	7,218 tons.	2
928,417	2,807,229	1,533 17	507 05	1 70	29.9	33.1	44,852 tons.	3
422,635	2,106,142	2,040 83	409 53	1 37	57.9	20.1	.....	4
81,210	653,403	3,630 02	451 17	1 67	52.3	12.4	12,449 tons.	5
36,460	142,244	1,317 07	337 59	1 18	40.9	25.6	1,687 tons.	6
71,284	281,323	2,053 45	520 32	1 58	43.6	25.3	3,499 tons.	7
113,247	971,118	4,185 85	488 00	1 61	37.2	11.7	4,880 tons.	8
82,879	396,067	1,541 11	322 50	1 07	22.4	20.9	.....	9
245,171	859,170	1,892 44	540 02	1 89	30.1	28.5	.....	10
88,860	318,487	2,258 77	630 21	2 09	32.2	27.9	.....	11
1,940,123	4,934,297	1,370 26	538 77	2 11	21.6	39.3	.....	12
19,448	89,691	1,993 13	432 18	1 42	50.0	21.7	.....	13
1,377,579	3,742,301	1,173 14	431 84	1 54	27.5	36.8	.....	14
474,562	1,393,284	1,368 65	466 17	1 59	28.7	34.1	.....	15
179,408	685,497	2,010 26	526 12	1 80	33.4	26.2	.....	16
4,049,295	10,020,362	1,505 69	608 46	2 00	56.2	40.4	.....	17
4,666,297	26,160,998	2,988 46	521 62	1 94	59.2	17.5	452,513 tons.	18
260,355	1,350,801	1,825 41	351 83	1 40	67.6	19.3	61,344 tons.	19
645,983	3,620,187	2,383 33	437 36	1 44	60.4	18.4	.....	20
722,759	5,095,097	3,032 80	430 21	1 54	62.7	14.2	81,970 tons.	21
5,764,855	17,572,598	1,788 20	586 63	1 91	49.0	32.8	.....	22
1,076,534	4,323,627	2,191 88	547 02	1 82	52.7	24.9	.....	23
3,097,488	16,339,020	2,761 37	523 49	1 69	57.1	18.9	.....	24
3,428,153	9,165,761	1,481 22	554 00	1 87	55.8	37.4	.....	25
703,479	3,104,771	2,116 41	479 54	1 58	51.5	22.7	.....	26
2,599,631	6,973,093	1,325 43	494 13	1 63	41.0	37.3	.....	27
1,532,195	5,089,992	1,683 20	506 68	1 67	37.3	39.1	.....	28
136,071	456,967	1,159 81	345 36	1 14	29.0	29.8	.....	29
24,100	83,624	1,779 23	512 77	2.00	37.8	28.8	.....	30

## YEAR 1899.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of estab- lishments considered.	Capital in- vested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
31.	Plumber supplies, .....	3	\$2,080,669	\$552,190	312	1,046
32.	Electrical supplies, .....	2	13,605,566	3,497,584	302	5,087
33.	Shovels, scoops, spades, etc.,	8	648,100	465,999	281	563
34.	Safes and vault doors, .....	2	68,000	65,539	294	120
35.	Metal and metallic goods, ..	3	390,000	82,334	265	269
36.	Building and structural iron work, .....	2	823,000	1,227,578	305	1,240
37.	Iron chains, .....	5	264,542	252,412	296	299
38.	Iron fences and railings, ....	7	49,300	133,235	305	155
39.	Agricultural implements, ..	10	1,613,000	1,348,877	298	1,542
40.	Steam pumps, .....	2	433,343	176,738	301	225
41.	Pianos and organs, .....	2	141,000	59,162	293	105
42.	Tinware, .....	5	414,000	272,376	301	275
43.	Paper manufacture, .....	8	5,082,899	1,739,547	284	1,681
44.	Wall paper, .....	3	360,000	517,800	280	861
45.	Cigars, .....	43	3,282,204	3,697,925	295	8,131
46.	Book binding, .....	3	131,800	77,379	280	176
47.	Cordage, rope and twine, ..	5	3,435,000	4,509,784	312	2,191
48.	Paper, paper boxes, envel- opes, etc., .....	26	1,487,951	1,102,962	393	2,260
49.	Pottery, .....	2	510,000	54,604	298	162
50.	Paving brick, .....	7	614,478	33,506	230	523
51.	Building brick, .....	30	3,444,184	151,706	230	1,666
52.	Fire brick, .....	17	2,746,876	552,972	249	2,947
53.	Slate roofing, etc. (tonnage),	6	831,112	31,861	236	664
54.	Slate roofing, etc. (squares),	14	534,914	80,325	245	1,552
55.	Window glass, bottles and table goods, .....	20	13,452,097	1,943,606	285	8,407
56.	Glazed and chrome kid, .....	7	4,609,490	11,007,875	300	4,598
57.	Men's, women's, misses' and children's shoes, .....	13	2,177,531	2,778,078	293	2,266
58.	Suspenders, .....	2	120,000	315,000	299	162
59.	Hats and caps, .....	3	\$97,676	433,669	283	560
60.	Fur and felt hats, .....	4	2,775,439	593,645	309	1,412
61.	Wool hats, .....	6	392,493	277,156	263	462

## YEAR 1899.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$502,827	\$1,436,661	\$1,373 48	\$480 71	\$1 54	38.4	35.0	.....	31
2,806,946	11,306,458	2,222 62	551 79	1 83	30.9	24.8	.....	32
291,969	1,493,946	2,653 55	518 60	1 85	31.2	19.5	.....	33
59,965	156,773	1,306 44	499 71	1 70	41.8	38.2	.....	34
106,846	309,578	1,118 88	397 20	1 50	27.4	35.6	.....	35
657,942	2,157,573	1,739 98	530 60	1 74	56.9	30.5	.....	36
140,403	584,109	1,953 54	469 58	1 59	43.2	29.4	6,745 tons.	37
69,864	260,498	1,680 63	450 74	1 49	51.1	26.8	.....	38
736,948	3,109,442	2,016 50	477 92	1 60	43.4	23.7	.....	39
166,746	411,714	1,829 84	741 08	2.46	42.9	40.5	.....	40
48,127	178,679	1,701 70	558 35	1 56	33.1	27.0	.....	41
118,410	545,475	1,983 55	430 58	1 43	49.9	21.7	.....	42
688,257	4,254,182	2,530 74	409 63	1 44	40.9	16.2	67,929 tons.	43
128,241	1,030,190	2,853 71	355 24	1 27	50.2	12.4	18,458,252 rolls.	44
2,370,275	9,456,476	1,163 01	291 51	99	39.1	25.1	361,800,194 cigars.	45
86,318	208,527	1,184 81	490 44	1 75	37.1	41.4	.....	46
792,522	6,219,058	2,838 46	361 71	1 16	72.5	12.7	.....	47
593,843	2,434,029	1,077 00	262 76	87	45.3	24.4	.....	48
78,658	244,254	1,507 74	485 54	1 63	22.4	32.2	.....	49
176,133	416,263	788 38	334 91	1 45	8.0	42.5	.....	50
630,734	1,530,232	918 51	378 59	1 64	9.9	41.2	215,764,927 bricks.	51
1,133,377	2,486,398	843 70	384 59	1 55	22.2	45.6	538,099 tons.	52
219,276	467,112	703 48	330 23	1 40	6.8	46.9	35,560 tons.	53
544,953	930,606	599 62	351 13	1 43	8.6	58.5	287,826 squares.	54
3,913,503	9,065,032	1,078 27	465 56	1 63	21.4	43.2	.....	55
1,907,913	16,342,644	3,554 29	414 94	1 38	67.4	11.7	1,688,109 dozens.	56
1,232,895	5,096,419	1,560 14	377 49	1 29	54.5	24.2	8,574,434 pairs.	57
61,150	483,250	2,982 02	377 47	1 26	65.2	12.7	180,500 dozens.	58
191,909	698,891	1,243 02	342 69	1 21	62.0	27.5	96,229 dozens.	59
665,296	2,020,781	1,431 11	471 17	1 52	29.4	32.9	64,127 dozens.	60
150,414	669,534	1,427 56	325 57	1 24	42.0	22.8	177,629 dozens.	61

## YEAR 1899.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS. 1896 SERIES.

No	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Umbrellas and parasols. ....	4	\$353,000	\$694,246	308	531
63.	Dress trimmings, braids, etc.,	8	1,319,688	912,697	301	1,760
64.	Shirts and shirt waists, ....	8	954,900	1,271,368	298	2,154
65.	Neckwear, .....f.....	3	135,000	261,882	308	195
66.	Cotton and woolen cloths, ..	19	2,930,167	3,922,974	268	4,488
67.	Carpets, .....	17	3,653,864	3,494,859	302	2,834
68.	Cotton goods, .....	13	2,647,941	1,405,804	297	2,636
69.	Woolen and worsted cassi- meres, .....	10	1,345,000	2,023,438	230	1,890
70.	Woolen and worsted fabrics,	13	3,303,302	3,367,030	298	3,119
71.	Woolen and worsted yarns, .	12	2,636,000	2,636,300	291	1,478
72.	Rugs, yarns, etc., .....	4	4,968,446	1,567,653	283	2,711
73.	Carpet yarns, .....	10	1,052,532	1,220,285	299	625
74.	Cotton yarns, .....	6	1,230,643	752,654	289	752
75.	Worsted, woolen and cotton yarns, .....	8	1,730,613	2,012,993	259	1,143
76.	Woolen blankets, flannels, etc., .....	5	794,122	815,512	279	967
77.	Lace goods, .....	3	860,850	350,185	305	1,098
78.	Chenille goods, .....	2	400,000	301,058	300	476
79.	Upholstery goods, .....	7	842,000	1,293,680	292	1,329
80.	Knit goods, underwear, .....	13	1,987,729	2,215,033	279	2,864
81.	Hosiery, .....	31	2,894,145	2,306,461	281	6,146
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	1,902,500	4,619,624	277	3,439
83.	Silk, broad goods and rib- bons, .....	2	1,670,000	1,315,000	301	2,000
84.	Silk, ribbons, .....	3	301,721	354,347	291	521
Total, .....		710	\$209,542,208	\$142,864,640	289	163,683



## YEAR 1899.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$144,650	\$1,231,088	\$2,318 43	\$272 41	\$0 89	56.4	11.7	942,826 pieces.	62
479,683	2,085,393	1,184 88	272 55	91	43.8	23.0	.....	63
657,308	2,548,230	1,183 01	305 16	1 02	49.9	25.8	372,859 dozens.	64
73,883	427,720	2,244 72	378 89	1 23	59.8	16.9	.....	65
1,672,821	6,802,028	1,515 62	372 73	1 39	57.7	24.6	.....	66
1,177,796	5,940,777	2,096 25	415 59	1 37	58.8	19.8	15,648,813 yards.	67
\$90,061	2,908,182	1,103 25	337 66	1 14	48.3	30.6	.....	68
658,948	3,492,388	1,847 82	348 65	1 25	57.9	18.9	.....	69
1,119,544	5,702,598	1,828 34	358 94	1 20	59.0	19.6	.....	70
534,400	5,256,352	3,556 40	361 57	1 24	50.2	10.2	9,705,579 pounds.	71
1,042,019	3,779,288	1,392 48	383 94	1 36	41.5	27.5	.....	72
239,364	1,721,902	2,755 04	382 98	1 28	70.9	13.3	15,093,761 pounds.	73
228,163	1,247,347	1,658 71	303 41	1 06	60.3	18.3	8,702,304 pounds.	74
431,927	8,215,295	2,812 03	377 89	1 46	62.6	12.4	5,264,119 pounds.	75
322,275	1,633,409	1,689 24	233 27	1 19	49.9	19.7	.....	76
313,641	1,307,879	1,191 16	285 65	94	26.8	24.0	.....	77
160,748	539,530	1,133 47	337 70	1 12	55.8	29.7	.....	78
562,867	2,428,710	1,827 54	423 52	1 45	53.3	23.2	.....	79
790,868	3,851,935	1,344 95	276 14	99	57.5	20.5	.....	80
1,610,552	5,239,702	\$52 54	262 05	93	44.0	30.7	5,934,516 dozens.	81
913,571	6,786,912	1,978 51	265 65	96	68.1	12.5	.....	82
522,612	3,112,400	1,556 20	261 31	87	42.3	16.8	5,668,697 yards.	83
162,627	735,151	1,411 04	312 14	1 07	48.2	22.1	11,201,212 yards.	84
\$70,944,181	\$237,635,100	\$1,754 05	\$433 42	\$1 50	49.6	24.7	.....	

## YEAR 1900.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed
1.	Tool steel, etc., .....	3	\$1,050,000	\$78,514	292	132
2.	Iron and steel forgings, .....	5	347,100	200,857	300	257
3.	Malleable iron, .....	4	1,524,280	975,533	291	1,671
4.	Bolts, nuts, etc., .....	7	1,825,562	1,170,665	299	1,940
5.	Wire nails, rivets, etc., ....	3	525,001	432,511	303	212
6.	Tacks and small nails, .....	3	109,900	54,075	241	91
7.	Wire, .....	4	261,800	209,752	302	246
8.	Wire rope, .....	2	1,100,000	1,035,106	306	342
9.	Wire goods, .....	5	167,916	85,360	501	208
10.	Wagon and carriage axles and springs, .....	4	547,454	221,077	280	441
11.	Scales, etc., .....	3	176,000	112,333	298	157
12.	Stoves, ranges, heaters, etc.,	28	7,191,316	1,316,876	246	3,667
13.	Bath boilers, tanks, etc., ....	2	59,000	44,391	308	38
14.	Hardware specialties, .....	12	3,442,303	830,075	251	3,025
15.	Edged tools, .....	12	1,689,815	486,985	297	1,417
16.	Wrenches, picks, etc., .....	5	575,000	256,264	280	386
17.	Locomotives and cars built and repaired, .....	3	1,461,400	6,459,641	303	7,185
18.	Wrought iron pipe and tubes,	5	14,101,131	12,906,404	266	5,429
19.	Cast iron pipe, .....	3	896,776	1,123,593	306	797
20.	Brass, copper and bronze goods, .....	18	1,974,667	1,582,801	259	1,548
21.	Iron and steel bridges, .....	7	1,901,050	5,544,936	501	2,213
22.	Locomotives, stationary en- gines, etc., .....	9	13,417,380	11,568,788	307	12,693
23.	Engines, boilers, etc., .....	9	3,847,000	2,369,709	306	2,180
24.	Car springs, axles and rail- way supplies, .....	9	26,061,682	17,285,349	311	1,688
25.	Iron vessels and engines, ....	3	10,973,657	6,705,326	292	6,577
26.	Boilers, tanks, stacks, etc.,	20	1,972,964	2,058,536	316	1,773
27.	Machinery, .....	13	10,207,219	3,456,146	302	6,012
28.	Foundries and machine shops,	24	3,889,754	1,989,733	300	3,129
29.	Files, etc., .....	2	512,000	113,699	295	422

## YEAR 1900.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$98,601	\$436,340	\$3,305 61	\$746 98	\$2 56	18.0	22.6	1,667 tons.	1
167,001	516,946	2,011 46	649 81	2 16	38.9	32.3	7,026 tons.	2
566,482	2,485,414	1,487 38	518 54	1 78	39 3	34.9	38,963 tons.	3
429,188	2,310,580	2,221 71	412 68	1 38	50.7	18.6	.....	4
101,721	802,460	3,785 19	479 81	1 58	53.9	12.7	12,935 tons.	5
30,982	129,291	1,420 78	340 46	1 41	41.8	24.0	1,375 tons.	6
100,427	438,986	1,788 56	408 24	1 35	47.8	22.9	3,738 tons.	7
164,517	1,471,284	4,302 00	481 04	1 57	70.4	11.2	6,443 tons.	8
64,328	342,677	1,647 49	309 27	1 03	24.9	18.8	.....	9
227,769	701,173	1,589 96	516 48	1 84	31.5	32.5	.....	10
95,851	345,036	2,197 68	610 52	2 05	32.6	27.8	.....	11
2,082,109	5,256,816	1,433 55	567 80	2 31	26.2	39.6	.....	12
16,804	82,639	2,174 71	442 21	1 44	53.7	20.3	.....	13
1,183,769	3,255,976	1,076 36	394 63	1 57	25.5	36.4	.....	14
507,597	1,618,413	1,502 71	471 30	1 59	30.1	31.4	.....	15
184,711	690,584	1,789 08	478 53	1 71	37.1	26.7	.....	16
4,366,592	11,208,744	1,559 32	607 74	2 01	57.7	39.0	.....	17
2,575,403	21,342,893	3,937 82	475 17	1 79	60.5	12.1	295,574 tons.	18
402,535	1,745,213	2,189 73	448 75	1 47	64.4	20.5	74,456 tons.	19
725,712	3,449,758	2,228 53	468 81	1 54	45.9	21.0	.....	20
1,235,666	8,649,413	3,873 45	553 36	1 84	64.1	14.3	134,231 tons.	21
7,274,385	24,600,085	2,049 49	606 05	1 97	47.0	29.6	.....	22
1,199,080	4,757,183	2,182 19	551 04	1 80	49.8	25.2	.....	23
4,578,764	27,485,740	3,165 47	527 33	1 69	62.9	16.7	.....	24
3,538,223	12,062,974	1,806 65	529 91	1 81	55.6	29.3	.....	25
848,362	3,925,048	2,213 79	478 49	1 51	52.4	21.6	.....	26
3,237,690	9,924,157	1,650 72	538 54	1 78	34.8	32.6	.....	27
1,704,770	5,753,708	1,838 83	544 83	1 81	34.6	29.6	.....	28
140,644	477,377	1,131 23	333 04	1 14	23.8	29.4	.....	29

## YEAR 1900.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
30.	Saws, etc., .....	3	\$334,000	\$48,071	281	56
31.	Plumber supplies, .....	3	2,266,837	425,043	312	1,048
32.	Electrical supplies, .....	2	14,620,016	5,267,567	296	6,083
33.	Shovels, scoops, spades, etc.,	8	741,100	406,234	253	532
34.	Safes and vault doors, .....	2	173,397	121,397	290	180
35.	Metal and metallic goods, ..	3	390,000	93,877	275	297
36.	Building and structural iron work, .....	2	823,000	3,053,789	306	1,678
37.	Iron chains, .....	5	334,798	239,225	252	264
38.	Iron fences and railings, ....	7	56,500	157,497	305	197
39.	Agricultural implements, ....	10	1,925,000	1,454,807	299	1,537
40.	Steam pumps, .....	2	479,015	200,479	301	268
41.	Pianos and organs, .....	2	246,000	79,526	292	146
42.	Tinware, .....	5	434,000	290,940	300	328
43.	Paper manufacture, .....	8	5,666,232	1,748,561	297	1,740
44.	Wall paper, .....	3	750,000	495,111	290	309
45.	Cigars, .....	43	3,583,970	3,931,233	296	8,471
46.	Book binding, .....	3	136,250	83,716	288	188
47.	Cordage, rope and twine, ....	5	3,410,000	5,340,848	300	2,256
48.	Paper, paper boxes, envelopes, etc., .....	26	1,527,160	1,206,737	300	2,200
49.	Pottery, .....	2	505,000	84,561	288	173
50.	Paving brick, .....	7	642,074	72,534	270	587
51.	Building brick, .....	30	3,445,898	150,955	225	1,661
52.	Fire brick, .....	17	2,935,232	790,260	300	3,823
53.	Slate roofing, etc. (tonnage),	6	974,100	28,146	255	764
54.	Slate roofing, etc. (squares),..	14	630,914	69,280	244	1,560
55.	Window glass, bottles and table goods, .....	20	14,758,346	2,017,178	266	9,692
56.	Glazed and chrome kid, ....	7	4,861,913	9,330,221	270	4,439
57.	Men's, women's, misses' and children's shoes, .....	13	2,172,233	2,822,810	295	3,243
58.	Suspenders, .....	2	150,000	440,000	298	212
59.	Hats and caps, .....	3	360,735	508,555	232	614
60.	Fur and felt hats, .....	4	3,077,842	729,924	309	1,057

## YEAR 1900.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$32,108	\$132,105	\$2,359 02	\$573 36	\$2 05	36.4	24.4	.....	80
504,686	1,301,478	1,241 87	481 57	1 54	32.6	38.8	.....	81
3,452,559	15,201,007	2,500 16	567 57	1 92	34.7	22.7	.....	82
230,909	1,134,772	2,133 03	434 04	1 72	35.8	20.3	.....	83
79,594	508,936	1,432 10	442 19	1 52	47.1	30.9	.....	84
116,057	334,973	1,127 85	390 76	1 42	28.0	34.6	.....	85
879,148	4,572,828	2,725 17	523 93	1 71	66.8	19.2	.....	86
124,543	508,450	1,925 65	471 75	1 87	47.0	24.0	6,597 tons.	87
88,304	306,812	1,557 42	448 24	1 47	51.3	28.8	.....	88
735,166	3,099,260	2,016 43	478 31	1 60	46.9	23.7	.....	89
193,157	645,011	2,406 76	720 73	2 39	31.1	29.9	.....	90
63,243	205,621	1,408 36	433 17	1 48	38.6	30.7	.....	91
134,105	554,813	1,691 32	411 90	1 37	52.4	24.2	.....	92
768,824	4,671,243	2,681 62	441 85	1 49	37.4	16.4	71,184 tons.	93
140,741	964,084	2,120 01	455 47	1 57	51.4	14.5	19,614,145 rolls.	94
2,579,326	10,102,456	1,192 60	304 49	1 03	38.9	25.5	409,976,623 cigars.	95
98,563	217,460	1,156 70	524 27	1 82	38.5	45.3	.....	96
742,246	6,922,914	3,063 67	329 01	1 09	77.1	10.7	.....	97
595,912	2,478,934	1,125 42	270 87	90	48.7	24.0	.....	98
78,307	232,121	1,349 54	455 27	1 58	27.8	33.7	.....	99
237,666	604,307	1,029 48	404 83	1 50	12.0	39.3	.....	100
606,038	1,445,903	869 90	364 86	1 62	10.4	41.9	198,672,260 brick.	101
1,602,426	3,560,462	931 33	419 15	1 40	22.2	45.0	666,863 tons.	102
280,065	520,415	681 17	366 58	1 44	5.4	53.8	59,951 tons.	103
565,623	888,733	569 70	362 58	1 48	7.8	63.6	265,796 squares.	104
4,448,479	9,907,353	1,022 22	458 99	1 73	20.4	44.9	.....	105
1,759,101	15,059,504	2,392 54	396 28	1 47	62.0	11.7	1,487,228 dozens.	106
1,195,700	5,089,364	1,566 92	368 13	1 25	55.5	23.5	3,456,562 pairs.	107
76,250	624,000	2,943 40	359 67	1 21	70.5	12.2	266,000 dozens.	108
211,921	901,917	1,468 92	345 15	1 22	56.4	23.5	111,091 dozens.	109
806,461	2,494,914	1,478 90	479 23	1 55	29.2	32.4	78,487 dozens.	110

## YEAR 1900.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
61.	Wool hats, .....	6	\$410,425	\$429,832	301	518
62.	Umbrellas and parasols, ....	4	353,000	769,178	306	506
63.	Dress trimmings, braids, etc.,	8	1,411,475	1,029,684	302	1,745
64.	Shirts and shirt waists, .....	8	954,700	1,344,687	299	2,184
65.	Neckwear, .....	3	135,000	247,396	308	189
66.	Cotton and woolen cloth, ...	19	3,412,930	3,739,615	278	4,952
67.	Carpets, .....	17	3,624,415	3,512,455	297	2,794
68.	Cotton goods, .....	13	2,641,182	1,533,725	299	2,580
69.	Woolen and worsted cassi- meres, .....	10	1,345,000	1,728,005	290	1,890
70.	Woolen and worsted fabrics,	13	3,320,854	3,950,872	296	3,630
71.	Woolen and worsted yarns, ..	12	2,738,000	2,370,290	279	1,641
72.	Rugs, yarns, etc., .....	4	4,981,791	1,641,979	292	2,813
73.	Carpet yarns, .....	10	1,031,068	1,163,688	277	662
74.	Cotton yarns, .....	6	1,255,543	943,430	300	825
75.	Worsted, woolen and cotton yarns, .....	8	1,804,926	2,368,507	295	1,505
76.	Woolen blankets, flannels, etc., .....	5	853,909	787,822	303	894
77.	Lace goods, ... ..	3	886,044	334,509	303	1,251
78.	Chenille goods, .....	2	450,000	346,340	301	529
79.	Upholstery goods, .....	7	973,000	1,147,037	273	1,308
80.	Knit goods, underwear, ....	13	2,096,610	2,926,399	291	3,188
81.	Hosiery, .....	31	3,117,842	2,634,225	287	6,593
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	1,902,500	4,546,170	282	3,673
83.	Silk, broad goods and rib- bons, .....	2	1,700,000	1,123,292	299	1,750
84.	Silk, ribbons, .....	3	335,536	319,567	292	592
Total, .....		710	\$225,955,539	\$163,347,771	289	175,501



## YEAR 1900.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$207,924	\$865,654	\$1,671 15	\$401 40	\$1 33	49.6	24.0	189,442 dozens.	61
135,101	1,134,223	2,241 55	267 00	87	67.8	11.9	865,998 pieces.	62
533,502	2,195,940	1,258 42	305 73	1 01	46.9	24.2	.....	63
701,863	2,696,197	1,234 52	321 37	1 07	49.9	26.0	377,505 dozens.	64
69,427	414,292	2,192 02	366 39	1 19	59.7	16.7	.....	65
1,727,800	6,767,935	1,366 70	348 91	1 25	55.2	25.5	.....	66
1,162,093	5,790,677	2,072 54	416 14	1 40	60.7	20.1	13,510,867 yards.	67
901,700	3,097,728	1,200 67	349 49	1 17	49.5	29.1	.....	68
479,829	3,374,548	1,785 47	859 69	1 24	51.1	20.1	.....	69
1,258,932	6,691,925	1,843 51	346 81	1 17	59.0	18.8	.....	70
531,039	4,239,957	2,583 76	323 61	1 46	55.9	12.5	9,383,095 pounds.	71
1,044,414	3,861,004	1,372 56	371 28	1 27	42.5	27.0	.....	72
242,123	1,707,341	2,579 06	365 74	1 22	68.2	14.2	14,197,344 pounds.	73
249,937	1,503,971	1,823 00	302 95	1 01	62.7	16.6	8,604,662 pounds.	74
455,186	3,580,329	2,378 95	302 45	1 03	66.2	12.7	5,221,259 pounds.	75
323,711	1,676,132	1,874 87	362 09	1 20	44.0	19.3	.....	76
372,460	1,337,964	1,069 51	297 73	98	28.7	27.8	.....	77
212,670	602,807	1,139 52	402 02	1 33	57.4	35.2	.....	78
545,829	2,194,524	1,677 71	417 30	1 53	52.3	24.8	.....	79
811,968	4,330,995	1,358 53	254 73	88	67.5	18.7	.....	80
1,796,880	5,816,615	882 24	272 54	95	45.3	30.9	5,939,122 dozens.	81
859,811	6,205,109	1,689 38	233 95	88	73.3	13.8	.....	82
465,000	2,784,047	1,590 88	285 71	89	40.5	16.7	6,388,130 yards.	83
170,512	837,841	1,415 24	288 03	99	38.1	20.6	11,186,446 yards.	84
\$76,838,628	\$325,161,818	\$1,852 76	\$437 82	\$1.52	50.2	23.8	.....	

## YEAR 1901.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Tool steel, etc., .....	3	\$1,050,000	\$126,488	295	167
2.	Iron and steel forgings, .....	5	436,000	242,406	277	376
3.	Malleable iron, .....	4	1,594,090	873,539	286	1,905
4.	Bolts, nuts, etc., .....	7	1,850,648	1,165,743	307	1,290
5.	Wire nails, rivets, etc., ....	4	535,000	443,771	301	255
6.	Tacks and small nails, .....	3	104,000	58,748	283	92
7.	Wire, .....	4	268,000	211,172	303	252
8.	Wire rope, .....	2	1,400,000	1,089,791	303	892
9.	Wire goods, .....	5	169,989	112,779	294	242
10.	Wagon and carriage axles and springs, .....	4	559,642	316,619	284	586
11.	Scales, etc., .....	3	177,000	116,852	292	163
12.	Stoves, ranges, heaters, etc.,	28	7,179,895	1,223,171	254	3,682
13.	Bath boilers, tanks, etc., ....	2	59,000	49,704	304	44
14.	Hardware specialties, .....	12	3,388,920	937,189	299	3,031
15.	Edged tools, .....	12	1,725,640	500,219	297	1,097
16.	Wrenches, picks, etc., .....	5	575,000	225,495	281	357
17.	Locomotives and cars built and repaired, .....	3	1,520,800	6,482,061	304	7,493
18.	Wrought iron pipe and tubes,	5	14,101,131	15,141,057	284	6,574
19.	Cast iron pipe, .....	3	916,776	1,254,082	315	841
20.	Brass, copper and bronze goods, .....	18	2,131,616	2,503,355	305	1,729
21.	Iron and steel bridges, .....	7	1,951,050	3,802,840	309	2,076
22.	Locomotives, stationary en- gines, etc., .....	9	15,440,434	12,289,340	303	13,298
23.	Engines, boilers, etc., .....	9	4,070,000	2,393,828	303	2,346
24.	Car springs, axles and rail- way supplies, .....	9	21,572,047	17,339,505	308	9,261
25.	Iron vessels and engines, ...	3	12,247,131	5,978,086	330	6,268
26.	Boilers, tanks, stacks, etc.,	20	2,540,108	2,487,205	307	1,955
27.	Machinery, .....	18	11,240,666	3,775,105	307	6,253
28.	Foundries and machine shops,	24	4,165,422	2,031,695	303	3,502
29.	Files, etc., .....	2	515,000	118,953	288	415
30.	Saws, etc., .....	3	334,000	44,758	283	57

## YEAR 1901.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$151,830	\$664,097	\$3,967 63	\$789 40	\$2 68	19.0	19.9	2,424 tons.	1
181,271	579,306	1,540 71	482 10	1 74	41.8	31.3	7,899 tons.	2
939,514	2,153,732	1,130 57	493 18	1 72	40.6	43.6	33,182 tons.	3
488,212	2,124,821	1,647 15	278 46	1 23	54.9	23.0	.....	4
115,167	795,616	3,120 06	451 64	1 56	55.8	14.5	15,159 tons.	5
33,715	140,528	1,527 48	366 47	1 29	41.8	24.0	1,561 tons.	6
104,308	449,911	1,785 36	413 92	1 37	46.9	23.2	4,739 tons.	7
169,682	1,693,920	4,310 23	431 76	1 40	64.4	10.0	6,707 tons.	8
72,771	376,297	1,555 36	300 70	1 02	30.0	19.3	.....	9
301,482	849,284	1,444 16	514 47	1 81	37.3	35.5	.....	10
101,951	370,587	2,273 54	625 46	2 14	31.5	27.5	.....	11
2,036,597	4,944,554	1,342 90	553 12	2 18	24.8	41.2	.....	12
20,030	95,958	2,180 86	455 23	1 50	51.8	20.9	.....	13
1,312,478	3,552,151	1,171 94	438 02	1 45	26.4	36.9	.....	14
494,080	1,488,852	1,357 20	450 39	1 52	33.6	33.2	.....	15
183,238	713,089	1,997 45	513 27	1 83	31.6	25.7	.....	16
4,593,043	11,622,675	1,550 10	612 57	2 02	55.8	39.5	.....	17
3,301,349	27,381,482	4,165 12	502 18	1 77	55.3	12.1	410,878 tons.	18
402,535	2,004,285	2,383 22	478 64	1 52	62.6	20.0	78,122 tons.	19
831,059	4,035,363	2,333 93	480 65	1 58	62.0	20.6	108,276 tons.	20
1,176,736	6,432,504	3,098 51	566 83	1 83	59.1	18.3	.....	21
8,314,869	27,094,502	2,037 49	625 27	2 06	45.4	30.7	.....	22
1,315,681	4,835,453	2,061 15	560 82	1 85	49.5	27.2	.....	23
4,933,773	26,020,609	2,809 70	532 75	1 73	66.6	18.9	.....	24
3,587,294	10,619,270	1,694 24	572 32	1 73	56.2	33.8	.....	25
1,010,002	4,603,297	2,354 63	516 63	1 68	54.0	21.9	.....	26
3,440,755	10,348,434	1,654 95	550 26	1 79	36.5	33.2	.....	27
1,923,467	5,797,771	1,655 56	549 25	1 81	35.0	33.2	.....	28
154,565	589,335	1,420 60	372 45	1 29	20.2	26.2	.....	29
23,871	128,428	2,253 09	522 70	2 03	34.9	25.9	.....	30

## YEAR 1901.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
31.	Plumber supplies, .....	3	\$2,274,610	\$485,511	332	1,086
32.	Electrical supplies, .....	2	18,075,526	5,611,757	300	7,089
33.	Shovels, scoops, spades, etc.,	8	766,100	541,074	283	592
34.	Safes and vault doors, .....	2	178,262	148,595	303	224
35.	Metal and metallic goods, ..	3	390,000	99,610	294	252
36.	Building and structural iron work, .....	2	833,950	3,327,881	306	2,286
37.	Iron chains, .....	5	351,174	239,113	290	288
38.	Iron fences and railings, ....	7	113,628	206,195	306	220
39.	Agricultural implements, ....	10	2,079,000	1,479,888	302	1,556
40.	Steam pumps, .....	2	503,522	178,558	302	231
41.	Pianos and organs, .....	2	358,081	83,646	296	150
42.	Tinware, .....	5	578,000	337,778	272	461
43.	Paper manufacture, .....	8	5,799,229	1,776,599	293	1,725
44.	Wall paper, .....	3	750,000	550,626	289	331
45.	Cigars, .....	43	3,983,947	3,872,076	294	8,663
46.	Book binding, .....	3	140,000	95,214	290	188
47.	Cordage, rope and twine, ..	5	3,510,000	5,676,078	300	2,294
48.	Paper, paper boxes, envelopes, etc., .....	26	1,470,644	1,130,937	301	2,094
49.	Pottery, .....	2	505,000	72,323	304	171
50.	Paving brick, .....	7	638,707	37,076	234	553
51.	Building brick, .....	30	3,352,539	167,085	234	1,799
52.	Fire brick, .....	17	2,998,426	724,698	298	3,787
53.	Slate roofing, etc. (tonnage),	6	1,043,453	42,098	268	907
54.	Slate roofing, etc. (squares),	14	553,814	86,468	254	1,578
55.	Window glass, bottles and table goods, .....	21	13,642,725	1,784,703	256	8,730
56.	Glazed and chrome kid, ....	7	5,931,303	9,553,784	298	4,783
57.	Men's, women's, misses' and children's shoes, .....	13	2,222,368	3,071,627	299	3,327
58.	Suspenders, .....	2	170,500	476,000	298	198
59.	Hats and caps, .....	3	375,543	467,440	287	691
60.	Fur and felt hats, .....	4	3,074,328	873,632	308	2,060
61.	Wool hats, .....	6	436,089	355,469	286	503

## YEAR 1901.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$527,899	\$1,431,561	\$1,318 19	\$486 09	\$1 46	33.9	36.9	.....	31
4,055,247	16,074,791	2,267 57	572 05	1 91	34.9	25.2	.....	32
289,145	1,612,469	2,723 76	488 42	1 73	33.5	17.9	.....	33
101,832	333,533	1,489 00	454 60	1 59	44.6	30.5	.....	34
117,163	344,926	1,368 75	464 93	1 58	28.9	33.9	.....	35
1,199,639	6,403,461	2,801 16	524 78	1 72	51.9	18.7	.....	36
142,794	561,193	1,948 59	495 81	1 71	42.6	25.4	5,956 tons.	37
103,420	379,015	1,722 80	470 09	1 54	54.4	27.3	.....	38
800,478	3,365,387	2,162 84	514 45	1 70	43.9	23.8	.....	39
160,245	411,468	1,781 25	693 70	2 30	43.4	38.9	.....	40
65,460	197,752	1,318 35	436 40	1 48	42.3	33.1	.....	41
170,087	639,243	1,386 64	568 95	1 36	52.8	26.6	.....	42
738,509	4,567,498	2,647 82	428 12	1 46	38.9	16.2	71,878 tons.	43
136,042	866,365	2,617 42	411 00	1 42	63.6	15.7	22,398,173 rolls.	44
2,628,332	10,108,552	1,166 87	303 39	1 03	38.3	26 0	392,173,212 cigars.	45
103,717	236,637	1,258 71	551 69	1 90	40.2	43.7	.....	46
785,781	7,446,401	3,246 03	342 54	1 14	76.2	10.6	.....	47
589,503	2,452,506	1,171 35	281 52	93	46.5	24.0	.....	48
82,136	246,060	1,439 00	486 17	1 60	29.4	33.8	.....	49
206,868	412,809	746 49	374 08	1 60	9.0	50.1	.....	50
680,014	1,587,253	882 30	378 00	1 61	10.5	43.0	192,364,485 bricks.	51
1,622,430	3,221,632	850 71	428 42	1 44	22.5	50.4	693,977 tons.	52
362,028	729,002	803 75	399 15	1 49	5.8	49.7	68,902 tons.	53
615,681	967,230	612 95	390 16	1 54	8.9	63.7	286,526 squares.	54
3,944,743	8,674,560	993 65	451 86	1 76	20.6	45.5	.....	55
2,111,284	19,364,997	4,048 71	441 41	1 48	49.3	10.9	1,851,886 dozens.	56
1,275,110	5,348,333	1,607 56	383 26	1 23	57.4	23.8	3,532,138 pairs.	57
61,400	701,000	3,540 40	310 10	1 04	67.9	8.8	450,000 dozens.	58
244,900	1,046,651	1,514 69	354 41	1 23	44.7	23.4	139,964 dozens.	59
980,610	2,954,738	1,434 34	476 02	1 56	29.6	33.2	90,025 dozens.	60
177,915	733,560	1,458 37	353 71	1 23	48.4	24.3	225,785 dozens.	61

## YEAR 1901.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Umbrellas and parasols, ....	4	\$350,819	\$907,717	306	522
63.	Dress trimmings, braids, etc.,	8	1,529,063	958,843	292	1,669
64.	Shirts and shirt waists, .....	2	942,900	1,339,757	299	2,272
65.	Neckwear, .....	3	185,850	222,189	308	181
66.	Cotton and woolen cloths, ..	19	3,558,393	3,694,287	284	4,604
67.	Carpets, .....	17	3,628,328	3,882,593	298	2,801
68.	Cotton goods, .....	13	2,685,981	1,616,840	292	2,558
69.	Woolen and worsted cassi- meres, .....	10	1,345,000	1,991,761	278	1,988
70.	Woolen and worsted fabrics,	13	3,560,244	3,618,849	296	3,149
71.	Woolen and worsted yarns, ..	12	2,749,500	2,999,131	292	1,658
72.	Rugs, yarns, etc., .....	4	4,736,001	1,637,887	277	2,847
73.	Carpet yarns, .....	10	1,064,009	1,214,828	291	679
74.	Cotton yarns, .....	6	1,370,207	783,905	285	672
75.	Worsted, woolen and cotton yarns, .....	8	1,909,183	2,142,648	288	1,530
76.	Woolen blankets, flannels, etc., .....	5	851,526	887,731	291	912
77.	Lace goods, .....	3	913,154	438,178	302	1,238
78.	Crenille goods, .....	2	575,000	356,261	305	555
79.	Upholstery goods, .....	7	1,030,974	1,133,620	301	1,422
80.	Knit goods, underwear, ....	13	2,161,429	2,537,073	282	2,980
81.	Hosiery, .....	31	3,303,176	2,737,834	290	6,756
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	1,897,500	3,628,140	261	3,945
83.	Silk, broad goods and rib- bons, .....	2	1,700,000	1,202,479	301	2,400
84.	Silk, ribbons, .....	3	404,293	472,181	302	1,068
Total, .....		710	\$233,312,008	\$167,294,827	292	183,183



## YEAR 1901.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$144,419	\$1,243,643	\$2,382 46	\$276 66	\$0 90	73.0	11.6	979,913 pieces.	62
494,338	2,034,319	1,218 89	296 18	1 01	47.1	24.3	.....	63
745,005	2,778,475	1,222 91	327 91	1 10	48.2	26.8	• 368,154 dozens.	64
67,388	359,704	1,987 81	817 06	1 03	61.8	15.9	.....	65
1,640,447	6,723,547	1,460 37	356 31	1 25	54.9	24.4	.....	66
1,254,800	6,553,397	2,339 66	447 98	1 50	59.3	19.2	14,987,827 yards.	67
876,118	3,185,408	1,245 26	342 50	1 17	50.8	27.5	.....	68
682,967	3,811,108	1,966 40	352 41	1 27	52.3	17.9	.....	69
1,101,694	6,062,268	1,925 14	349 85	1 18	59.7	18.2	.....	70
578,871	4,487,135	2,706 35	349 14	1 19	66.8	12.9	9,156,971 pounds.	71
1,050,004	3,559,424	1,250 23	368 81	1 33	46.0	29.4	.....	72
262,322	1,756,285	2,586 57	386 34	1 33	69.2	14.9	14,419,066 pounds.	73
217,143	1,238,865	1,843 40	323 13	1 13	63.3	17.5	7,455,951 pounds.	74
456,891	3,291,582	2,151 36	298 62	1 04	65.1	13.7	5,631,804 pounds.	75
299,492	1,670,231	1,831 89	328 39	1 13	53.2	17.9	.....	76
382,726	1,432,392	1,167 02	309 96	1 02	30.6	26.7	.....	77
235,236	648,144	1,167 83	423 85	1 39	54.9	36.3	.....	78
614,624	2,335,000	1,642 05	432 22	1 43	48.5	26.3	.....	79
766,663	3,950,409	1,325 64	257 27	91	64.2	19.4	.....	80
1,874,579	6,082,610	900 33	277 47	96	45.0	30.8	6,166,032 dozens.	81
858,580	5,615,619	1,423 48	217 64	84	64.6	15.3	.....	82
542,822	3,207,575	1,336 49	226 18	75	27.5	16.9	3,163,175 yards.	83
237,076	1,073,259	1,004 92	221 98	74	43.9	22.0	18,050,169 yards.	84
\$82,160,337	\$339,027,496	\$1,850 76	\$448 52	\$1 53	49.3	24.3	.....	

## YEAR 1902.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number workmen employed.
1.	Tool steel, etc., .....	3	\$635,600	\$176,919	300	213
2.	Iron and steel forgings, .....	5	452,200	309,877	291	444
3.	Malleable iron, .....	4	2,295,903	928,899	299	2,136
4.	Bolts, nuts, etc., .....	7	1,927,341	1,508,979	309	1,366
5.	Wire, nails, rivets, etc., ....	4	878,625	449,892	295	295
6.	Tacks and small nails, .....	3	104,000	65,900	256	80
7.	Wire, .....	4	268,000	170,431	301	246
8.	Wire rope, .....	2	1,406,000	1,142,340	307	422
9.	Wire goods, .....	5	178,068	106,575	279	221
10.	Wagon and carriage axles and springs, .....	4	559,388	425,865	285	700
11.	Scales, etc., .....	3	186,000	118,498	292	165
12.	Stoves, ranges, heaters, etc.,	28	7,004,747	1,423,055	261	3,740
13.	Bath boilers, tanks, etc., ....	2	59,000	51,145	305	45
14.	Hardware specialties, .....	12	\$,640,307	1,180,368	299	3,411
15.	Edged tools, .....	12	1,774,931	611,348	299	1,201
16.	Wrenches, picks, etc., .....	5	595,000	253,913	283	327
17.	Locomotives and cars built and repaired, .....	3	1,547,000	5,876,007	303	8,261
18.	Wrought iron pipe and tubes,	5	14,101,131	15,644,780	220	6,428
19.	Cast iron pipe, .....	3	1,016,776	1,383,510	313	561
20.	Brass, copper and bronze goods, .....	18	2,221,516	2,663,170	303	1,497
21.	Iron and steel bridges, .....	7	2,081,050	5,025,759	310	2,262
22.	Locomotives stationary en- gines, etc., .....	9	18,195,556	16,024,833	308	13,621
23.	Engines, boilers, etc., .....	9	4,415,550	2,822,018	299	2,454
24.	Car springs, axles and rail- way supplies, .....	10	11,657,382	26,101,519	308	9,728
25.	Iron vessels and engines, ....	3	12,955,641	6,096,543	325	6,570
26.	Boilers, tanks, stacks, etc.,	20	2,689,814	2,564,397	301	2,176
27.	Machinery, .....	18	11,336,149	4,204,714	298	6,716
28.	Foundries and machine shops,	24	5,072,452	2,913,562	305	4,024
29.	Files, etc., .....	2	515,500	113,206	302	415
30.	Saws, etc., .....	3	\$23,900	45,450	295	55

## YEAR 1902.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$232,421	\$919,130	\$4,310 47	\$1,091 18	\$3 64	19.3	25.3	3,428 tons.	1
233,051	749,458	1,687 97	524 89	1 80	41.3	31.1	8,692 tons.	2
1,268,275	2,751,425	1,270 28	557 84	1 87	23.7	43.9	36,587 tons.	3
545,372	2,625,000	1,921 67	399 24	1 29	57.5	20.8	.....	4
115,036	703,570	2,654 98	434 10	1 44	63.9	16.3	15,149 tons.	5
29,872	129,112	1,613 90	373 40	1 46	51.0	23.1	1,472 tons.	6
113,412	413,288	1,680 03	461 02	1 53	41.2	27.4	3,984 tons.	7
196,172	1,686,064	3,995 41	464 86	1 51	67.8	11.6	6,994 tons.	8
77,321	365,833	1,655 35	349 87	1 25	29.1	21.1	.....	9
335,879	1,047,710	1,496 73	479 83	1 68	40.7	32.1	.....	10
103,091	383,229	2,322 60	624 79	2 14	30.9	27.0	.....	11
2,169,887	5,311,925	1,420 30	580 18	2 22	26.8	40.9	.....	12
19,951	102,545	2,441 55	475 02	1 56	49.9	19.4	.....	13
1,556,892	4,118,174	1,207 32	456 43	1 53	28.7	37.8	.....	14
572,350	1,859,060	1,547 93	476 56	1 59	32.9	30.8	.....	15
207,429	684,864	2,094 38	634 34	2 24	37.1	30.3	.....	16
5,180,764	11,762,401	1,423 84	627 14	2 07	49.9	44.0	.....	17
3,838,217	29,664,392	4,614 87	597 11	2 71	52.7	12.9	321,179 tons.	18
420,115	2,207,605	2,564 00	487 94	1 56	62.7	19.0	80,806 tons.	19
940,407	4,453,598	2,464 64	520 42	1 72	59.6	21.1	.....	20
1,259,652	7,947,777	3,513 61	556 88	1 80	63.4	15.9	124,167 tons.	21
10,142,042	32,801,859	2,099 86	649 26	2 11	40.9	30.9	.....	22
1,389,649	5,429,321	2,239 82	573 29	1 92	52.0	25.6	.....	23
5,648,752	38,083,264	3,914 81	580 67	1 88	68.5	14.8	.....	24
4,053,706	12,367,771	1,883 98	617 00	1 90	49.3	32.8	.....	25
1,116,711	4,879,748	2,242 53	513 19	1 70	52.3	22.9	.....	26
3,771,932	11,699,604	1,742 05	561 63	1 89	35.9	32.2	.....	27
2,309,432	7,336,312	1,823 14	573 91	1 88	39.7	31.5	.....	28
167,866	611,916	1,474 50	404 50	1 34	18.5	27.4	.....	29
35,707	131,473	2,390 42	647 40	2 19	34.6	27.2	.....	30

## YEAR 1902.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number workmen employed.
31.	Plumber supplies, .....	3	\$2,291,033	\$538,990	321	1,112
32.	Electrical supplies, .....	2	20,126,676	7,806,636	301	8,248
33.	Shovels, scoops, spades, etc.,	8	863,232	566,982	283	615
34.	Safes and vault doors, .....	2	224,329	210,710	304	249
35.	Metal and metallic goods, ...	3	400,000	96,487	287	247
36.	Building and structural iron work, .....	2	833,950	3,876,417	306	2,427
37.	Iron chains, .....	5	416,494	514,757	274	631
38.	Iron fences and railings, ....	7	118,953	361,896	307	352
39.	Agricultural implements, ....	10	1,560,829	1,690,108	300	1,719
40.	Steam pumps, .....	2	516,533	179,773	302	248
41.	Pianos and organs, .....	2	422,639	82,761	297	170
42.	Tinware, .....	5	606,000	471,267	302	653
43.	Paper manufacture, .....	8	6,468,589	2,013,710	290	1,881
44.	Wall paper, .....	4	745,000	554,664	290	325
45.	Cigars, .....	43	3,792,738	3,705,162	294	7,919
46.	Book binding, .....	3	150,000	88,885	279	170
47.	Cordage, rope and twine, ....	5	3,510,000	5,729,169	296	2,367
48.	Paper, paper boxes, envelopes, etc., .....	26	1,544,654	1,225,052	297	2,179
49.	Pottery, .....	2	572,340	45,785	303	155
50.	Paving brick, .....	7	727,862	63,044	253	615
51.	Building brick, .....	30	4,576,787	182,493	235	2,017
52.	Fire brick, .....	17	3,107,816	901,460	297	4,163
53.	Slate roofing, etc. (tonnage),	6	1,053,826	85,345	251	978
54.	Slate roofing, etc. (squares),	14	568,014	89,997	255	1,575
55.	Window glass, bottles and table goods, .....	21	15,383,325	2,055,266	267	9,614
56.	Glazed and chrome kid, .....	7	6,080,353	8,585,937	282	4,228
57.	Men's, women's, misses' and children's shoes, .....	13	2,221,987	3,317,394	295	3,322
58.	Suspenders, .....	2	195,500	530,500	297	202
59.	Hats and caps, .....	3	354,814	467,420	282	649
60.	Fur and felt hats, .....	4	3,074,230	916,226	300	2,330
61.	Wool hats, .....	6	414,215	363,016	288	503

## YEAR 1902.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$553,742	\$1,611,691	\$1,449 36	\$497 97	\$1 55	33.4	34.4	.....	31
4,842,603	18,730,567	2,270 92	587 12	1 95	41.7	25.8	.....	32
319,989	1,617,140	2,629 50	520 31	1 84	35.1	19.7	.....	33
108,844	373,524	1,500 10	437 12	1 44	56.4	29.1	.....	34
112,562	307,438	1,244 69	455 72	1 59	31.4	36.6	.....	35
1,809,729	5,730,246	2,361 04	539 65	1 76	67.6	24.4	.....	36
320,036	1,091,064	1,729 10	507 19	1 85	47.2	29.3	12,097 tons.	37
157,955	635,917	1,806 58	448 74	1 46	56.9	24.8	.....	38
888,487	3,655,913	2,126 76	516 86	1 72	46.2	24.3	.....	39
187,823	497,452	2,005 85	757 35	2 51	36.1	37.7	.....	40
69,921	206,934	1,217 26	411 30	1 39	40.0	33.8	.....	41
268,263	870,087	1,332 44	410 82	1 36	54.2	30.8	.....	42
876,215	5,062,019	2,691 13	465 82	1 60	33.8	17.3	\$5,524 tons.	43
142,106	870,074	2,677 15	437 25	1 51	63.8	16.3	22,398,173 rolls.	44
2,538,584	11,342,007	1,432 25	320 57	1 09	32.7	22.4	392,315,529 cigars.	45
99,029	230,513	1,355 96	582 52	2 09	38.5	42.0	.....	46
821,467	7,715,056	3,259 42	347 05	1 17	74.2	10.6	.....	47
652,299	2,695,396	1,282 88	299 35	1 01	45.4	24.2	.....	48
77,448	200,666	1,294 62	499 66	1 65	22.8	38.6	.....	49
246,244	598,704	973 50	400 40	1 58	10.5	41.1	43,948,478 bricks.	50
743,074	1,873,028	928 62	368 41	1 57	9.7	39.7	207,618,118 bricks.	51
1,823,632	4,225,554	1,013 57	437 43	1 54	21.3	43.2	920,237 tons.	52
372,031	768,971	790 31	382 35	1 52	11.1	48.4	53,033 tons.	53
649,376	1,035,345	657 36	412 30	1 62	8.7	62.7	306,099 squares.	54
4,423,860	9,723,592	1,011 40	460 15	1 72	21.1	45.5	.....	55
1,945,564	17,482,809	4,135 01	483 61	1 71	49.1	11.1	1,724,587 dozens.	56
1,216,866	5,484,547	1,650 98	366 31	1 24	60.5	22.2	3,669,733 pairs.	57
76,400	755,400	3,739 60	378 22	1 27	70.2	10.2	317,250 dozens.	58
230,151	988,678	1,523 39	354 62	1 26	47.3	23.3	125,718 dozens.	59
1,044,685	3,171,734	1,361 26	448 36	1 45	28.9	32.9	99,277 dozens.	60
176,820	748,903	1,488 87	351 53	1 22	48.5	23.6	225,416 dozens.	61

## YEAR 1902.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
63.	Umbrellas and parasols, ....	4	\$415,490	\$822,288	306	575
63.	Dress trimmings, braids, etc.,	8	1,607,500	998,933	292	1,741
64.	Shirts and shirt waists, .....	8	964,200	1,504,850	297	2,437
65.	Neckwear, .....	3	136,200	202,910	308	179
66.	Cotton and woolen cloth, ....	19	4,560,000	4,809,484	299	5,136
67.	Carpets, .....	17	3,669,040	4,299,045	299	2,810
68.	Cotton goods, .....	13	2,722,632	1,591,480	300	2,642
69.	Woolen and worsted cassi- meres, .....	10	1,350,000	2,222,242	284	2,663
70.	Woolen and worsted fabrics,	13	3,787,840	4,431,273	302	3,483
71.	Woolen and worsted yarns, ..	12	2,889,000	3,214,382	299	1,948
72.	Rugs, yarns, etc., .....	4	4,701,650	2,098,546	275	3,051
73.	Carpet yarns, .....	11	1,037,156	1,382,872	299	706
74.	Cotton yarns, .....	6	1,375,000	806,171	286	673
75.	Worsted, woolen and cotton yarns, .....	10	2,023,183	2,944,033	294	1,826
76.	Woolen blankets, flannels, etc., .....	5	869,275	1,045,694	298	895
77.	Lace goods, .....	3	994,195	415,222	270	1,407
78.	Chenille goods, .....	2	680,000	375,822	286	687
79.	Upholstery goods, .....	7	1,155,000	1,378,209	303	1,657
80.	Knit goods, underwear, .....	12	2,217,257	2,592,816	295	3,112
81.	Hosiery, .....	30	3,662,965	2,860,703	295	7,001
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	1,952,500	4,707,632	303	4,486
83.	Silk, broad goods and rib- bons, .....	2	1,758,248	1,581,158	300	2,600
84.	Silk, ribbons, .....	3	356,764	781,861	297	1,008
Total. ....		710	\$237,915,740	\$194,788,437	293	194,945



## YEAR 1902.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$139,420	\$1,119,932	\$1,947 71	\$242 47	\$0 79	73.4	12.5	835,031 dozens.	62
549,806	2,123,892	1,219 93	315 80	1 08	47.0	25.9	.....	63
857,835	3,142,057	1,288 26	351 72	1 19	47.9	27.3	419,918 dozens.	64
55,068	322,700	1,802 79	307 64	1 00	62.9	17.1	.....	65
2,026,461	8,077,641	1,572 75	394 56	1 32	59.5	25.7	.....	66
1,360,511	7,145,955	2,543 04	484 17	1 62	60.1	19.0	15,786,703 yards.	67
932,949	3,275,653	1,239 84	353 12	1 17	48.6	28.5	.....	68
979,658	4,294,507	1,612 66	367 88	1 29	51.8	22.8	.....	69
1,315,002	7,291,406	2,093 43	377 55	1 25	60.8	18.0	.....	70
648,616	5,495,528	2,821 11	332 96	1 11	58.5	11.8	11,441,219 pounds.	71
1,191,131	4,585,274	1,502 87	390 40	1 42	45.8	26.0	.....	72
298,462	1,969,976	2,790 33	422 75	1 41	70.2	15.1	14,968,273 pounds.	73
222,667	1,238,560	1,840 36	330 86	1 16	65.1	17.9	7,599,893 pounds.	74
556,250	4,275,953	2,341 70	304 63	1 04	68.9	13.0	6,199,469 pounds.	75
326,429	1,892,901	2,114 97	364 73	1 22	55.2	17.3	.....	76
437,716	1,680,672	1,194 51	311 10	1 15	24.7	26.0	.....	77
251,581	741,347	1,079 11	366 20	1 28	50.6	33.9	.....	78
761,011	2,941,585	1,775 25	459 27	1 51	46.9	25.8	.....	79
864,904	3,968,202	1,275 13	277 93	94	65.4	21.8	.....	80
2,047,842	6,447,718	920 97	292 51	99	44.4	31.8	6,551,860 dozens.	81
1,186,106	7,842,831	1,748 29	266 64	88	60.0	15.1	.....	82
602,688	3,703,873	1,424 57	231 80	77	42.7	16.3	6,485,492 yards.	83
348,485	1,701,010	1,687 51	345 72	1 17	45.9	20.5	26,693,113 yards.	84
\$93,947,766	\$388,806,566	\$1,994 44	\$481 92	\$1 64	50.0	24.1	.....	

## YEAR 1903.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries,	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Tool steel, etc., .....	3	\$795,000	\$223,036	300	338
2.	Iron and steel forgings, .....	5	635,600	343,160	295	437
3.	Malleable iron, .....	4	2,601,905	1,170,449	298	2,173
4.	Bolts, nuts, etc., .....	7	2,132,260	1,432,674	306	1,293
5.	Wire nails, rivets, etc., ....	3	919,055	462,270	299	234
6.	Tacks and small nails, .....	3	104,000	68,400	273	94
7.	Wire, .....	4	215,100	217,684	257	253
8.	Wire rope, .....	2	1,407,669	1,153,901	303	436
9.	Wire goods, .....	5	178,760	88,127	295	209
10.	Wagon and carriage axles and springs, .....	4	558,994	369,627	287	691
11.	Scales, etc., .....	3	191,000	119,679	294	166
12.	Stoves, ranges, heaters, etc.,	28	7,097,904	1,568,147	258	3,553
13.	Bath boilers, tanks, etc., ....	2	75,000	57,266	304	42
14.	Hardware specialties, .....	12	3,906,562	1,023,835	296	3,130
15.	Edged tools, .....	12	1,805,179	502,808	274	1,208
16.	Wrenches, picks, etc., .....	5	525,000	313,694	298	385
17.	Locomotives and cars built and repaired, .....	3	1,597,700	5,776,840	300	9,442
18.	Wrought iron pipe and tubes,	5	14,101,041	14,469,937	288	6,610
19.	Cast iron pipe, .....	3	574,215	1,232,302	291	1,064
20.	Brass, copper and bronze goods, .....	18	2,817,383	2,678,605	300	1,844
21.	Iron and steel bridges, .....	7	2,251,050	6,251,897	309	2,202
22.	Locomotives, stationary en- gines, etc., .....	9	18,651,397	22,344,842	305	19,856
23.	Engines, boilers, etc., .....	9	4,654,134	2,871,144	301	2,709
24.	Car springs, axles and rail- way supplies, .....	9	11,005,949	21,153,529	306	7,611
25.	Iron vessels and engines, ....	3	16,764,405	5,938,775	303	5,561
26.	Boilers, tanks, stacks, etc.,	20	2,903,376	2,526,749	306	2,115
27.	Machinery, .....	18	12,179,702	4,141,566	304	6,706
28.	Foundries and machine shops,	24	5,765,541	2,825,316	303	3,896
29.	Files, etc., .....	2	516,000	129,194	302	427
30.	Saws, etc., .....	3	383,000	46,274	287	62

## YEAR 1903.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workmen employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$217,642	\$999,373	\$2,956 72	\$643 23	\$2 14	22.3	21.8	3,600 tons.	1
229,588	768,557	1,758 71	525 37	1 78	44.6	29.9	8,710 tons.	2
1,227,072	3,013,003	1,386 56	561 69	1 90	38.8	40.7	41,530 tons.	2
559,864	2,512,919	1,943 48	433 00	1 42	57.0	22.3	.....	4
119,235	734,492	3,138 85	509 55	1 70	62.9	16.2	22,295 tons.	5
34,438	139,600	1,485 11	366 26	1 34	48.9	24.7	1,638 tons.	6
113,489	460,167	1,820 62	448 57	1 75	47.3	24.6	3,697 tons.	7
206,849	1,752,539	4,019 58	474 42	1 57	65.9	11.8	7,149 tons.	8
74,752	321,478	1,538 17	357 67	1 21	27.8	23.3	.....	9
323,969	1,028,598	1,488 56	468 84	1 63	35.9	31.5	.....	10
104,708	387,126	2,332 08	630 77	2 14	30.9	27.0	.....	11
2,178,746	5,465,224	1,538 20	612 09	2 37	28.7	39.8	.....	12
20,302	99,299	2,364 26	483 38	1 59	57.7	20.0	.....	13
1,535,878	4,286,226	1,369 40	490 70	1 66	23.9	35.8	.....	14
543,429	1,688,684	1,398 24	449 85	1 61	29.8	32.2	.....	15
235,161	840,172	2,182 26	610 81	2 04	37.3	27.9	.....	16
6,260,260	12,922,248	1,368 59	663 02	2 21	44 7	48.4	.....	17
3,748,876	26,193,611	3,962 73	567 15	1 97	55.2	14.3	434,719 tons.	18
509,145	1,956,635	1,838 94	478 52	1 64	62.9	26.0	89,272 tons.	19
1,059,812	4,447,741	2,412 01	574 74	1 92	60.2	23.8	.....	20
1,138,434	7,925,838	3,599 38	517 00	1 67	78.9	14.4	121,335 tons.	21
12,914,058	43,940,968	2,212 99	650 39	2 13	51.3	29.4	.....	22
1,564,908	5,568,492	2,055 55	577 67	1 92	51.6	28.1	.....	23
4,161,941	29,660,282	3,897 03	546 83	1.79	71.3	14.0	.....	24
4,219,061	12,152,756	2,185 35	758 69	2 50	48.9	34.7	.....	25
1,088,795	4,910,015	2,321 52	514 80	1 68	51.5	22.0	.....	26
3,824,752	12,194,163	1,818 39	570 35	1 88	34.0	31.4	.....	27
2,577,489	7,094,124	1,820 87	661 57	2 18	39.8	36.3	.....	28
178,075	636,939	1,491 78	417 04	1 38	20.3	28.6	.....	29
36,297	124,294	2,164 42	584 21	2 04	34 5	26.9	.....	30

## YEAR 1903.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries,	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
31.	Plumber supplies, .....	3	\$2,296,905	\$555,427	320	1,384
32.	Electrical supplies, .....	2	24,222,050	7,402,527	298	8,405
33.	Shovels, scoops, spades, etc.,	8	1,083,989	771,627	278	653
34.	Safes and vault doors, .....	2	373,153	248,685	305	306
35.	Metal and metallic goods, ...	3	400,000	102,495	288	250
36.	Building and structural iron work, .....	2	1,083,950	4,543,482	306	2,364
37.	Iron chains, .....	5	399,001	571,273	275	572
38.	Iron fences and railings, ....	7	125,630	412,855	304	343
39.	Agricultural implements, ....	10	2,226,307	1,872,309	302	1,774
40.	Steam pumps, .....	2	567,788	155,127	304	223
41.	Pianos and organs, .....	2	484,027	98,305	297	189
42.	Tinware, .....	5	610,000	544,833	295	847
43.	Paper manufacture, .....	8	6,622,783	2,231,787	300	1,963
44.	Wall paper, .....	3	745,000	541,374	291	347
45.	Cigars, .....	43	4,370,810	4,076,724	292	8,968
46.	Book binding, .....	3	165,000	91,589	293	172
47.	Cordage, rope and twine, ....	5	4,505,440	5,871,416	294	2,500
48.	Paper, paper boxes, envelopes, etc., .....	26	1,605,316	1,344,205	302	2,278
49.	Pottery, .....	2	579,369	75,358	301	173
50.	Paving brick, .....	7	875,295	72,879	259	757
51.	Building brick, .....	30	5,227,821	196,264	242	2,205
52.	Fire brick, .....	17	12,236,439	873,138	267	3,880
53.	Slate roofing, etc. (tonnage),	6	1,074,163	75,682	266	911
54.	Slate roofing, etc. (squares),	14	633,505	93,798	265	1,657
55.	Window glass, bottles and table goods, .....	20	16,037,368	2,416,198	270	11,299
56.	Glazed and chrome kid, .....	7	6,050,055	8,626,395	296	4,062
57.	Men's, women's, misses' and children's shoes, .....	13	3,262,402	3,432,239	298	3,428
58.	Suspenders, .....	2	198,000	576,000	296	205
59.	Hats and caps, .....	3	337,339	504,914	296	713
60.	Fur and felt hats, .....	4	3,878,182	1,188,294	307	2,737
61.	Wool hats, .....	6	401,362	445,274	284	543

## YEAR 1903.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workmen employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$538,181	\$1,612,454	\$1,515 46	\$505 72	\$1 68	34.4	33.4	.....	31
5,650,871	18,194,265	2,164 20	672 32	2 25	40.7	31.1	.....	32
353,082	1,546,806	2,368 77	540 71	1 94	49.9	22.9	.....	33
141,264	468,301	1,530 40	461 64	1 61	63.1	30.2	.....	34
116,998	317,380	1,269 62	467 99	1 62	32.3	36.9	.....	35
1,450,496	7,778,126	3,290 24	613 68	2 01	58.4	18.6	.....	36
303,570	1,040,922	1,819 79	530 72	1 93	54.9	29.2	7,444 tons.	37
163,822	702,848	2,049 12	477 62	1 67	58.7	23.3	.....	38
992,518	4,072,357	2,295 58	625 66	1 74	46.0	22.9	.....	39
180,424	550,287	2,413 54	791 33	2 60	28.2	32.8	.....	40
84,481	226,172	1,196 68	446 99	1 61	43.5	37.4	.....	41
328,115	1,024,812	1,209 92	387 38	1 31	63.2	32.0	.....	42
867,622	6,304,597	2,702 29	441 94	1 47	42.1	16.5	88,072 tons.	43
136,855	884,759	2,649 77	394 39	1 37	61.2	15.5	21,123,032 rolls.	44
2,931,701	11,260,072	1,255 86	327 02	1 12	36.2	26.0	513,731,428 cigars.	45
105,993	243,670	1,408 49	612 68	2 06	37.6	43.5	.....	46
761,205	8,278,648	3,303 53	299 76	1 02	70.9	9.1	.....	47
687,375	2,882,575	1,265 40	301 74	1 00	46.6	23.9	.....	48
88,320	224,423	1,297 24	510 52	1 69	33.6	39.4	.....	49
320,426	777,380	1,026 92	423 28	1 63	9.4	42.5	60,552,696 bricks.	50
851,531	2,121,223	962 01	386 19	1 60	9.2	40.1	239,137,818 bricks.	51
1,659,984	3,948,531	1,017 66	427 83	1 60	22.1	42.0	829,832 tons.	52
430,769	761,119	835 48	472 85	1 78	9.9	56.6	57,031 tons.	53
713,259	1,225,521	740 21	430 45	1 63	7.8	58.2	302,789 squares.	54
4,803,158	11,212,176	992 32	425 10	1 57	21.6	42.8	.....	55
1,759,812	14,132,953	3,476 85	433 24	1 46	61.0	12.5	1,431,129 dozens.	56
1,393,524	5,773,531	1,684 23	406 51	1 40	59.4	24.1	8,825,735 pairs.	57
73,610	831,850	4,057 80	359 07	1 21	69.2	8.8	338,500 dozens.	58
241,233	1,093,386	1,583 36	338 34	1 15	46.1	22.1	137,406 dozens.	59
1,185,439	3,813,462	1,393 30	433 12	1 38	29.8	31.1	117,676 dozens.	60
217,899	786,856	1,449 09	401 29	1 41	56.6	27.7	222,812 dozens.	61

## YEAR 1903.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries,	Number of estab- lishments considered.	Capital in- vested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Umbrellas and parasols, ....	4	\$804,500	\$834,991	305	465
63.	Dress trimmings, braids, etc.,	8	1,733,828	1,202,292	297	1,801
64.	Shirts and shirt waists, .....	8	1,022,000	1,507,979	298	2,399
65.	Neckwear, .....	3	136,000	198,319	207	154
66.	Cotton and woolen cloths, ..	19	3,650,577	3,757,789	272	5,009
67.	Carpets, .....	17	3,862,630	3,437,841	211	2,834
68.	Cotton goods, .....	13	2,740,884	1,619,342	285	2,599
69.	Woolen and worsted cassi- meres, .....	10	1,350,000	2,303,214	286	2,798
70.	Woolen and worsted fabrics,	13	3,856,978	4,072,099	239	3,325
71.	Woolen and worsted yarns, .	12	3,008,500	3,385,995	289	2,422
72.	Rugs, yarns, etc., .....	4	4,727,665	2,052,273	268	2,819
73.	Carpet yarns, .....	10	1,056,331	1,391,545	273	690
74.	Cotton yarns, .....	6	1,450,000	934,318	247	705
75.	Worsted, woolen and cotton yarns, .....	8	2,228,183	2,542,665	293	1,734
76.	Woolen blankets, flannels, etc., .....	5	839,116	1,082,655	286	931
77.	Lace goods, .....	3	1,621,723	483,884	304	1,804
78.	Chenille goods, .....	2	772,000	393,614	267	762
79.	Upholstery goods, .....	7	1,159,000	1,333,404	252	1,550
80.	Knit goods, underwear, .....	13	2,253,157	2,572,988	297	3,055
81.	Hosiery, .....	31	3,955,626	2,840,077	275	7,180
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	1,967,500	5,349,469	297	4,297
83.	Silk, broad goods and rib- bons, .....	2	1,762,782	1,757,771	300	2,918
84.	Silk, ribbons, .....	3	431,025	987,806	294	1,039
Total, .....		710	\$266,387,285	\$197,556,575	290	203,833



## YEAR 1903.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workmen employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$149,435	\$1,148,281	\$2,469 42	\$321 37	\$1 05	72.7	13.0	810,447 pieces.	62
562,369	2,360,137	1,311 01	312 25	1 05	50.9	23.8	.....	63
860,896	3,071,230	1,280 21	358 86	1 20	49.1	28.0	352,242 dozens.	64
54,050	324,701	2,198 45	350 97	1 14	61.1	16.2	.....	65
1,800,557	7,235,467	1,444 49	359 46	1 32	51.9	24.9	.....	66
1,099,206	5,891,461	2,078 81	387 86	1 84	58.4	18.4	11,945,603 yards.	67
894,183	3,230,452	1,242 96	344 04	1 20	50.1	27.6	.....	68
1,005,471	4,291,793	1,533 88	359 35	1 26	53.9	23.4	.....	69
1,240,080	7,082,054	2,129 94	372 95	1 29	57.5	17.5	.....	70
745,149	5,240,143	2,163 56	307 66	1 06	64.6	14.5	7,230,167 pounds.	71
1,125,689	4,194,708	1,488 01	399 31	1 49	48.9	26.8	.....	72
274,810	1,947,871	2,823 00	398 28	1 46	71.4	14.1	13,358,420 pounds.	73
215,178	1,422,619	2,017 90	305 21	1 23	65.6	15.1	13,914,878 pounds.	74
517,944	3,716,498	2,143 31	298 70	1 02	68.4	13.9	5,103,390 pounds.	75
326,841	2,023,918	2,166 93	349 94	1 22	53.5	16.1	.....	76
531,393	1,818,714	1,008 16	294 56	97	26.6	29.2	.....	77
273,812	797,014	1,045 95	359 33	1 34	49.4	34.4	.....	78
695,428	2,746,078	1,771 66	448 66	1 78	48.5	25.3	.....	79
817,193	4,212,338	1,378 83	267 49	90	61.1	19.4	.....	80
2,112,764	6,724,058	936 50	294 21	1 07	42.2	31.4	6,533,566 dozens.	81
1,228,686	7,995,444	1,860 70	285 94	1 05	66.9	15.5	.....	82
888,496	3,490,663	1,196 25	304 49	1 01	50.4	25 5	6,885,146 yards.	83
379,802	1,930,981	1,058 40	365 55	1 24	51.1	19.7	32,120,148 yards.	84
\$98,259,805	\$390,224,148	\$1,914 38	\$482 04	\$1 66	50.6	25.2	.....	

## YEAR 1904.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Tool steel, etc., .....	3	\$795,000	\$240,798	300	357
2.	Iron and steel forgings, .....	5	702,500	233,962	304	307
3.	Malleable iron, .....	4	2,666,317	500,681	294	1,318
4.	Bolts, nuts, etc., .....	7	2,132,260	1,022,370	260	1,167
5.	Wire nails, rivets, etc., .....	3	935,536	342,621	280	202
6.	Tacks and small nails, .....	3	104,000	74,303	264	105
7.	Wire, .....	5	332,375	155,193	294	227
8.	Wire rope, .....	2	1,407,669	1,174,083	299	429
9.	Wire goods, .....	5	181,410	94,362	291	206
10.	Wagon and carriage axles and springs, .....	4	490,779	363,285	290	648
11.	Scales, etc., .....	3	401,000	164,097	298	196
12.	Stoves, ranges, heaters, etc., .....	28	7,704,379	1,344,406	265	3,489
13.	Bath boilers, tanks, etc., ....	2	99,243	63,650	303	44
14.	Hardware specialties, .....	12	3,955,930	1,108,485	287	3,393
15.	Edged tools, .....	12	1,933,128	402,823	230	983
16.	Wrenches, picks, etc., .....	5	522,416	266,231	280	386
17.	Locomotives and cars built and repaired, .....	3	1,844,750	7,472,686	298	9,504
18.	Wrought iron pipe and tubes, .....	5	14,101,131	14,212,174	272	6,881
19.	Cast iron pipe, .....	3	579,215	1,565,380	275	1,076
20.	Brass, copper and bronze goods, .....	18	3,309,200	2,188,126	298	1,686
21.	Iron and steel bridges, .....	7	2,940,050	5,438,668	309	2,559
22.	Locomotives, stationary engines, etc., .....	9	19,874,861	11,010,675	304	13,501
23.	Engines, boilers, etc., .....	9	4,655,964	2,270,389	300	2,409
24.	Car Springs, axles and railway supplies, .....	9	10,969,061	4,875,173	283	3,112
25.	Iron vessels and engines, .....	3	16,890,559	4,922,426	304	5,956
26.	Boilers, tanks, stacks, etc., ..	21	3,046,350	1,986,117	297	1,811
27.	Machinery, .....	18	11,916,866	2,522,569	300	4,530
28.	Foundries and machine shops, ..	25	6,235,348	2,265,142	295	3,403
29.	Files, etc., .....	2	518,000	204,141	306	522

## YEAR 1904.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$244,758	\$1,186,736	\$3,324 19	\$685 60	\$2 29	20.3	20.6	4,250 tons.	1
186,340	669,697	2,181 42	606 97	2 00	34.9	27.8	8,247 tons.	2
742,102	1,957,996	1,485 53	563 05	1 91	25.6	37.9	24,270 tons.	3
445,052	1,643,295	1,408 14	381 36	1 47	62.2	27.1	.....	4
110,788	645,964	3,197 84	548 45	1 96	53.0	17.2	12,177 tons.	5
37,390	155,805	1,483 86	356 10	1 35	47.7	24.0	1,788 tons.	6
116,702	368,712	1,624 28	514 10	1 75	42.1	31.7	2,229 tons.	7
207,488	1,511,653	3,523 67	483 65	1 62	77.7	13.7	6,339 tons.	8
71,520	332,404	1,613 61	347 18	1 19	28.4	21.5	.....	9
311,237	1,005,473	1,551 65	480 30	1 66	36.1	30.9	.....	10
136,148	543,510	2,773 01	694 63	2 33	30.2	25.0	.....	11
2,156,851	5,301,495	1,519 49	618 19	2 33	25.4	40.1	.....	12
21,201	115,015	2,613 98	481 84	1 59	55.4	18.4	.....	13
1,476,108	4,104,423	1,209 67	435 05	1 52	27.0	36.0	.....	14
463,215	1,439,388	1,464 28	471 23	2 05	28.0	32.2	.....	15
209,907	700,594	1,815 01	543 80	1 94	38.0	30.0	.....	16
6,158,627	14,493,485	1,524 99	648 00	2 17	51.6	42.5	.....	17
3,546,076	22,911,554	3,329 68	515 34	1 89	62.0	15.5	426,804 tons.	18
476,459	2,206,059	2,050 24	442 81	1 61	71.0	21.6	93,312 tons.	19
814,981	3,648,088	2,163 75	483 38	1 62	60.0	22.3	.....	20
1,440,391	8,798,873	3,438 40	562 87	1 82	61.8	16.4	149,153 tons.	21
8,230,920	24,916,631	1,845 54	609 65	2 01	44.2	33.0	.....	22
1,367,686	4,633,585	1,923 45	567 74	1 89	49.0	29.5	.....	23
1,385,068	*6,583,905	2,115 65	445 07	1 57	74.0	21.0	.....	24
3,950,568	10,718,656	1,799 64	663 29	2 18	46.0	36.9	.....	25
921,382	4,007,474	2,212 85	508 77	1 71	49.5	23.0	.....	26
2,604,348	7,811,036	1,724 29	574 91	1 91	32.3	33.3	.....	27
1,833,920	6,221,584	1,834 14	538 91	1 83	36.4	29.5	.....	28
194,256	688,636	1,319 23	372 14	1 22	29.6	28.2	9,972 tons.	29

\*Greatly decreased owing to business depression.

## YEAR 1904.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
30.	Saws, etc., .....	3	304,000	43,598	290	58
31.	Plumber supplies, .....	3	2,494,323	503,709	319	1,033
32.	Electrical supplies, .....	2	54,040,000	6,338,447	294	7,585
33.	Shovels, scoops, spades, etc.,	8	1,075,864	704,616	270	666
34.	Safes and vault doors, .....	2	486,829	266,001	303	336
35.	Metal and metallic goods, ....	3	385,000	73,154	287	218
36.	Building and structural iron work, .....	2	1,083,950	4,023,670	305	1,850
37.	Iron chains, .....	5	422,451	489,314	264	606
38.	Iron fences and railings, ....	7	128,527	421,018	304	424
39.	Agricultural implements, ....	10	2,576,292	1,793,405	296	1,831
40.	Steam pumps, .....	2	561,872	72,919	300	161
41.	Pianos and organs, .....	2	518,102	85,131	295	164
42.	Tinware, .....	5	605,000	563,305	303	871
43.	Paper manufacture, .....	8	7,230,109	2,188,674	284	2,027
44.	Wall paper, .....	3	745,000	576,451	294	343
45.	Cigars, .....	43	4,930,329	4,622,841	297	9,309
46.	Book binding, .....	3	165,000	84,618	307	170
47.	Cordage, rope and twine, ....	5	5,361,020	6,007,906	291	2,562
48.	Paper, paper boxes, envelopes, etc., .....	26	2,486,272	1,516,941	300	2,208
49.	Pottery, .....	2	597,663	77,072	306	161
50.	Paving brick, .....	7	384,910	60,188	238	573
51.	Building brick, .....	30	6,748,337	155,845	226	2,166
52.	Fire brick, .....	17	12,216,269	895,554	289	2,451
53.	Slate roofing, etc. (tonnage),	6	1,109,315	67,183	246	885
54.	Slate roofing, etc. (squares),	14	859,773	128,871	232	1,703
55.	Window glass, bottles and table goods, .....	20	14,687,652	2,435,854	226	10,486
56.	Glazed and chrome kid, .....	7	6,080,816	9,687,995	303	4,196
57.	Men's, women's, misses' and children's shoes, .....	13	2,444,921	3,489,017	299	3,460
58.	Suspenders, .....	2	196,500	616,000	294	232
59.	Hats and caps, .....	3	330,555	342,434	280	604
60.	Fur and felt hats, .....	4	3,885,000	1,211,380	307	2,911

## YEAR 1904.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
33,038	121,550	2,095 69	569 62	1 96	35.9	27.2	.....	30
513,569	1,494,682	1,446 93	497 16	1 56	33.7	34.4	.....	31
4,025,565	17,507,280	2,328 14	530 73	1 80	36.2	23.0	.....	32
361,182	1,332,240	2,000 36	542 32	2 01	52.9	27.1	.....	33
166,861	629,006	1,872 04	496 61	1 64	42.3	26.5	.....	34
103,291	238,700	1,094 95	473 81	1 65	30.6	43.3	.....	35
1,138,162	6,774,988	3,662 16	615 22	2 02	59.4	16.8	.....	36
302,171	984,059	1,623 86	498 63	1 89	49.7	30.7	13,205 tons.	37
204,992	819,901	1,933 73	483 47	1 59	51.3	25.0	.....	38
894,792	3,871,598	2,114 47	488 69	1 65	46.3	23.1	.....	39
134,677	276,709	1,718 69	836 50	2 79	26.4	48.7	.....	40
76,132	218,338	1,331 33	464 22	1 57	38.9	34.9	.....	41
312,659	1,067,559	1,225 67	358 97	1 18	52.8	29.3	.....	42
966,696	5,412,520	2,670 21	476 91	1 68	40.4	17.9	88,533 tons.	43
141,013	994,126	2,898 33	411 12	1 40	58.0	14.2	22,406,429 rolls.	44
3,147,813	11,625,963	1,248 89	338 15	1 14	39.8	27.1	523,317,002 cigars.	45
100,146	1,244,837	1,440 22	589 09	1 92	34.6	40.9	.....	46
741,146	8,437,539	3,293 34	289 28	99	71.2	8.8	.....	47
705,856	3,078,106	1,394 07	319 68	1 06	49.3	22.9	.....	48
86,604	268,626	1,668 48	537 91	1 76	28.7	32.2	.....	49
169,132	574,038	1,001 81	297 17	1 24	10.5	29.5	55,129,386 brick.	50
808,068	2,005,676	925 98	373 07	1 65	7.8	40.3	257,363,509 brick.	51
1,228,963	3,113,026	1,270 10	501 41	1 73	28.8	39.5	.....	52
386,414	557,030	629 41	436 63	1 77	12.1	69.4	.....	53
692,824	1,136,348	667 26	406 83	1 75	11.3	60.9	.....	54
5,046,418	10,863,186	1,035 97	481 25	2 13	22.4	46.5	.....	55
1,952,525	15,863,543	3,780 63	465 33	1 54	61.1	12.3	1,468,035 dozens.	56
1,363,433	5,864,970	1,695 08	394 06	1 32	59.5	23.2	3,749,319 pairs.	57
80,200	876,300	3,777 16	345 69	1 18	70.3	9.2	346,000 dozens.	58
221,156	809,695	1,340 55	366 15	1 41	42.3	27.3	119,635 dozens.	59
1,386,611	4,356,829	1,496 68	476 33	1 55	27.8	31.8	137,029 dozens.	60

## YEAR 1904.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
61.	Wool hats, .....	6	376,812	353,195	229	43
62.	Umbrellas and parasols, .....	4	808,762	696,717	306	446
63.	Dress trimmings, braids, etc., .....	8	1,840,000	1,132,446	302	1,653
64.	Shirts and shirt waists, .....	5	1,087,900	1,589,687	285	2,557
65.	Neckwear, .....	3	136,000	171,233	305	139
66.	Cotton and woolen cloths, ....	20	4,577,163	3,829,146	285	4,566
67.	Carpets, .....	17	3,906,240	4,055,715	286	2,787
68.	Cotton goods, .....	13	2,843,632	1,631,780	285	2,435
69.	Woolen and worsted cassi- meres, .....	10	1,397,500	2,362,403	279	2,857
70.	Woolen and worsted fabrics, .....	13	3,937,646	4,579,292	306	3,208
71.	Woolen and worsted yarns, ..	12	3,248,569	3,265,988	291	2,085
72.	Rugs, yarns, etc., .....	4	5,482,974	2,099,409	272	2,861
73.	Carpet yarns, .....	10	1,141,275	1,526,731	278	698
74.	Cotton yarns, .....	6	1,485,690	952,235	248	637
75.	Worsted, Woolen and cotton yarns, .....	8	2,439,500	2,370,467	279	1,573
76.	Woolen blankets, flannels, etc., .....	5	898,905	1,554,749	283	1,067
77.	Lace goods, .....	3	1,763,252	531,486	286	1,853
78.	Chenille goods, .....	2	760,000	480,348	287	636
79.	Upholstery goods, .....	7	991,795	1,017,674	282	1,502
80.	Knit goods—underwear, .....	13	1,987,438	2,146,823	295	2,460
81.	Hosiery, .....	31	4,313,334	2,993,379	284	7,475
82.	Silk, broad goods, thrown silk, yarns, etc., .....	5	2,042,500	4,787,295	290	4,057
83.	Silk, broad goods and rib- bons, .....	2	1,762,782	2,197,673	294	2,069
84.	Silk, ribbons, .....	3	390,831	1,088,001	301	1,114
Total, .....		710	\$306,507,455	\$165,441,999	286	183,833



## YEAR 1904.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
145,803	596,771	1,384 62	338 29	1 48	59.2	24.4	149,085 dozens.	61
129,304	986,407	2,111 67	289 92	95	70.6	13.1	777,327 pieces.	62
502,992	2,373,324	1,435 77	304 29	1 01	47.7	21.2	.....	63
914,010	3,167,866	1,238 90	357 45	1 25	50.2 •	28.9	370,715 dozens.	64
47,596	293,504	2,111 54	342 42	1 12	58.3	16.2	.....	65
1,648,993	6,817,563	1,493 11	361 15	1 27	56.2	24.2	.....	66
1,206,985	6,597,171	2,366 81	433 08	1 51	61.5	18.3	13,563,817 yards.	67
843,392	3,200,754	1,314 47	346 36	1 21	51.0	26.3	.....	68
969,572	4,890,255	1,711 67	339 37	1 22	48.3	19.8	.....	69
1,210,389	7,184,594	2,239 59	377 30	1 23	63.7	16.8	.....	70
673,386	4,918,788	2,359 13	322 97	1 11	66.4	13.7	9,639,584 pounds.	71
1,207,206	4,340,468	1,517 11	421 95	1 55	48.3	27.8	.....	72
275,037	2,070,765	2,966 71	394 04	1 42	73.7	13.3	14,023,336 pounds.	73
187,116	1,320,711	2,073 33	293 75	1 18	72.1	14.2	6,076,000 pounds.	74
457,059	3,435,868	2,177 36	289 65	1 04	69.0	13.3	4,586,012 pounds.	75
348,958	2,600,039	2,436 78	327 05	1 16	59.8	13.4	.....	76
606,958	1,860,533	1,001 36	326 67	1 14	28.6	32.6	.....	77
242,154	849,773	1,336 12	380 74	1 33	56.5	28.5	.....	78
619,927	2,178,788	1,450 59	412 73	1 46	46.7	28.4	.....	79
683,677	3,253,630	1,322 61	277 92	94	66.0	21.0	.....	80
2,091,679	6,751,616	903 23	279 82	99	44.3	31.0	6,550,221 dozens.	81
1,078,723	7,631,256	1,881 02	265 89	92	62.7	14.1	.....	82
607,318	3,328,962	1,608 97	293 53	1 00	66.0	18.2	5,429,664 yards.	83
432,031	1,953,611	1,753 69	387 82	1 29	55.7	22.1	30,985,413 yards.	84
\$84,483,863	\$334,343,735	\$1,818 74	\$459 57	\$1 60	49.5	25.3	.....	

## YEAR 1905.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Tool steel, etc., .....	3	\$795,000	\$395,169	302	413
2.	Iron and steel forgings, .....	5	757,935	347,240	297	359
3.	Malleable iron, .....	4	3,149,392	1,123,760	298	1,934
4.	Bolts, nuts, etc., .....	7	2,131,009	1,574,952	303	1,285
5.	Wire nails, rivets, etc., .....	3	1,017,421	538,540	296	271
6.	Tacks and small nails, .....	3	121,000	81,196	268	108
7.	Wire, .....	4	332,375	138,713	296	199
8.	Wire rope, .....	2	1,491,169	1,275,632	305	499
9.	Wire goods, .....	5	182,705	105,683	291	228
10.	Wagon and carriage axles and springs, .....	4	499,200	370,805	2 4	775
11.	Scales, etc., .....	3	421,000	157,500	298	208
12.	Stoves, ranges, heaters, etc., .....	28	6,970,500	1,563,262	272	3,695
13.	Bath boilers, tanks, etc., ...	2	105,500	75,983	3 3	45
14.	Hardware specialties, .....	12	4,037,539	1,332,962	294	3,304
15.	Edged tools, .....	12	1,428,460	419,734	271	862
16.	Wrenches, picks, etc., .....	5	538,472	277,334	284	398
17.	Locomotives and cars built and repaired, .....	3	1,915,500	10,665,112	259	11,436
18.	Wrought iron pipe and tubes, .....	5	14,101,131	13,441,026	295	5,908
19.	Cast iron pipe, .....	3	603,500	1,870,541	3 9	1,183
20.	Brass, copper and bronze goods, .....	18	3,285,850	3,324,934	301	1,737
21.	Iron and steel bridges, .....	7	3,142,800	6,603,110	301	3,2 6
22.	Locomotives, stationary en- gines, etc., .....	9	21,292,594	21,615,286	306	18,228
23.	Engines, boilers, etc., .....	9	5,159,735	2,429,021	2 8	2,283
24.	Car springs, axles and rail- way supplies, .....	9	11,676,548	17,087,397	309	7,919
25.	Iron vessels and engines, ...	3	17,143,140	4,483,679	303	5,548
26.	Boilers, tanks, stacks, etc., .....	20	3,112,360	2,157,695	300	2,465
27.	Machinery, .....	18	12,679,304	3,291,852	302	4,8 1
28.	Foundries and machine shops, .....	24	6,889,814	3,503,674	291	4,158
29.	Files, ... ..	2	520,000	163,241	303	503
30.	Saws, .....	3	304,000	38,282	289	54

## YEAR 1905.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$351,710	\$1,976,026	\$4,784 57	\$851 62	\$2 82	20.0	17.8	4,954 tons.	1
230,749	860,276	2,396 31	642 76	2 17	40.4	26.8	11,073 tons.	2
1,068,679	3,017,199	1,513 14	535 95	1 80	37.2	35.4	39,839 tons.	3
553,093	2,441,894	1,900 31	430 42	1 42	64.5	22.6	.....	4
136,588	904,730	3,338 49	504 02	1 70	59.5	15.1	17,350 tons.	5
37,666	159,604	1,496 33	348 76	1 30	50.9	23.6	1,890 tons.	6
102,208	385,848	1,938 93	513 61	1 73	35.9	26.5	2,395 tons.	7
193,010	1,920,536	3,848 77	386 79	1 27	66.4	10.0	6,793 tons.	8
81,560	350,980	1,539 39	357 72	1 23	30.1	23.2	.....	9
363,521	1,172,410	1,512 79	469 06	1 56	31.6	31.0	15,239 tons.	10
143,162	505,947	2,432,44	688 28	2 31	31.1	28.3	.....	11
2,318,026	5,743,639	1,554 44	627 32	2 32	27.2	40.4	.....	12
21,818	140,487	3,121 93	484 85	1 60	54.1	15.5	.....	13
1,554,984	4,522,333	1,368 74	470 65	1 60	29.5	34.4	.....	14
470,453	1,437,603	1,667 75	545 77	2 01	29.2	32.7	.....	15
224,294	841,245	2,113 68	563 55	1 98	33.0	26.7	.....	16
7,191,926	18,867,645	1,649 85	628 88	2 10	56.5	38.1	.....	17
3,579,974	20,658,392	3,496 68	605 95	2 05	65.1	17.3	400,404	18
576,186	2,693,303	2,293 58	487 06	1 57	69.4	20.6	103,041	19
951,718	5,183,157	2,983 97	547 91	1 82	64.1	18.4	.....	20
1,821,319	11,037,325	3,421 36	564 59	1 87	59.8	16.5	199,318	21
11,983,973	42,668,313	2,340 81	657 44	2 15	50.7	28.1	.....	22
1,347,147	4,732,195	2,072 80	590 07	1 98	51.3	28.5	.....	23
4,004,692	22,788,125	2,877 65	505 71	1 64	74.9	17.6	.....	24
3,540,875	9,611,980	1,732 51	638 23	2 11	46.6	36.8	.....	25
998,697	4,373,430	1,774 21	405 15	1 35	49.3	22.8	.....	26
2,870,195	9,870,316	2,043 12	594 12	1 97	33.4	29.1	.....	27
2,312,602	8,399,965	2,020 19	556 18	1 91	41.7	27.5	.....	28
196,556	690,120	1,372 01	390 77	1 29	23.7	28.5	.....	29
29,514	106,759	1,977 02	546 55	1 89	35.9	27.6	.....	30

## YEAR 1905.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of estab- lishments considered.	Capital in- vested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
31.	Plumber supplies, .....	3	2,309,218	468,542	318	1,075
32.	Electrical supplies, .....	2	36,673,700	6,741,141	305	9,758
33.	Shovels, scoops, spades, etc.,	8	1,088,989	815,897	291	721
34.	Safes and vault doors, .....	2	555,217	166,302	302	306
35.	Metal and metallic goods, ...	3	735,000	43,805	184	126
36.	Building and structural iron work, .....	2	1,083,950	3,673,474	106	2,011
37.	Iron chains, .....	5	482,443	450,304	237	532
38.	Iron fences and railways, ...	7	196,024	502,672	306	482
39.	Agricultural implements, ...	10	2,952,818	1,870,684	3.2	2,039
40.	Steam pumps, .....	2	582,556	120,529	262	185
41.	Pianos and organs, .....	2	588,184	73,237	296	164
42.	Tinware, .....	5	930,000	625,917	2.8	1,033
43.	Paper manufacture, .....	8	7,127,499	2,464,191	2.8	2,605
44.	Wall paper, .....	3	550,000	466,404	330	288
45.	Cigars, .....	43	5,053,392	5,060,670	285	9,741
46.	Bookbinding, .....	3	165,000	70,027	308	164
47.	Cordage, rope and twine, ...	5	4,768,008	5,957,748	285	2,583
48.	Paper, paper boxes, enve- lopes, etc., .....	26	2,554,495	1,604,714	237	2,235
49.	Pottery, .....	2	598,358	75,143	205	163
50.	Paving brick, .....	7	878,508	97,914	267	549
51.	Building brick, .....	30	6,523,133	205,855	239	2,118
52.	Fire brick, .....	17	12,599,606	747,551	296	2,588
53.	Slate roofing, etc. (tonnage),	6	1,155,852	71,894	250	856
54.	Slate roofing, etc. (squares),	14	747,764	121,585	241	1,614
55.	Window glass, bottles and table goods, .....	20	14,865,020	2,621,173	2.9	10,889
56.	Glazed and chrome kid, ....	7	8,324,926	12,529,286	293	4,310
57.	Men's, women's, misses' and children's shoes, .....	13	2,532,761	3,916,239	2.8	3,445
58.	Suspenders, .....	2	216,700	676,000	297	243
59.	Hats and caps, .....	3	345,458	401,779	287	563
60.	Fur and felt hats, .....	4	3,902,189	1,409,374	306	3,444
61.	Wool hats, .....	6	376,772	358,944	238	405

## YEAR 1905.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
524,330	1,586,543	1,475 85	487 75	1 53	29.5	33.0	.....	31
5,438,968	19,048,709	1,952 11	557 38	1 83	35.4	28.5	.....	32
411,310	1,557,565	2,160 28	570 47	1 96	52.4	26.4	.....	33
134,057	481,559	1,573 72	438 09	1 45	34.5	27.8	.....	34
43,183	104,702	830 97	342 72	1 86	41.8	41.2	.....	35
1,239,582	7,308,652	3,631 34	616 40	2 01	50.3	17.0	.....	36
317,811	1,067,608	1,834 38	546 07	2 05	42.2	29.8	13,298 tons.	37
239,998	935,383	1,940 63	497 90	1 63	53.7	25.7	.....	38
1,020,461	4,740,528	2,324 93	500 47	1 66	39.4	21.5	.....	39
159,427	398,325	2,153 11	861 77	3 29	30.3	40.0	.....	40
73,663	195,271	1,190 68	449 16	1 52	37.5	37.7	.....	41
326,001	1,166,619	1,163 13	325 02	1 09	53.7	27.9	.....	42
969,731	6,142,043	3,061 83	483 41	1 62	40.1	15.8	98,032 tons.	43
111,154	779,154	2,705 39	385 95	1 28	59.9	14.4	16,987,846 rolls.	44
3,043,809	11,848,123	1,216 31	312 47	1 10	42.7	25.7	499,127,755 cigars.	45
96,862	232,345	1,416 74	590 62	1 92	30.1	41.7	.....	46
766,755	8,361,375	3,230 82	296 27	1 04	71.3	9.2	.....	47
711,017	3,217,371	1,439 54	318 13	1 07	49.9	22.1	.....	48
91,027	276,732	1,667 06	548 35	1 80	27.1	32.9	.....	49
225,049	633,468	1,153 86	409 92	1 53	15.4	35.5	58,082,846 brick.	50
850,012	2,245,832	1,060 35	401 33	1 68	9.2	37.9	278,506,498 brick.	51
1,375,445	3,500,191	1,352 47	531 47	1 80	21.4	39.3	.....	52
390,852	581,553	679 38	456 60	1 83	12.4	67.2	78,549 tons.	53
645,191	1,088,119	674 17	399 74	1 66	11.2	59.3	274,296 squares.	54
5,287,176	10,918,723	1,003 56	485 95	1 74	24.0	48.4	.....	55
2,011,053	19,533,125	4,532 05	466 60	1 57	64.1	10.3	1,792,010 dozens.	56
1,425,000	6,185,265	1,795 43	413 64	1 39	03.3	23.0	3,905,697 pairs.	57
84,450	986,500	4,043 03	346 11	1 17	68.5	8.5	376,000 dozen.	58
222,274	980,543	1,741 64	394 80	1 37	41.0	22.7	129,545 dozen.	59
1,620,388	5,066,090	1,420 90	470 50	1 54	27.8	32.0	154,851 dozen.	60
153,420	592,307	1,462 49	378 81	1 59	60.6	25.9	170,064 dozen.	61

## YEAR 1905.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Umbrellas and parasols, ....	4	811,576	718,164	305	427
63.	Dress trimmings, braids, etc.,	8	1,891,500	1,351,092	302	1,667
64.	Shirts and shirt waists, ....	8	1,175,496	1,948,554	298	2,621
65.	Neckwear, .....	3	135,000	189,409	306	113
66.	Cotton and woolen cloths, ..	20	4,023,705	5,093,990	297	4,930
67.	Carpets, .....	17	4,000,027	3,932,116	293	2,732
68.	Cotton goods, .....	13	2,825,429	1,932,531	299	2,498
69.	Woolen and worsted cassi- meres, .....	10	1,430,445	2,480,182	291	2,735
70.	Woolen and worsted fabrics,	13	3,954,004	5,523,208	300	3,374
71.	Woolen and worsted yarns,..	11	3,297,578	3,430,805	292	2,130
72.	Rugs, yarns, etc., .....	5	5,308,418	2,199,454	281	2,855
73.	Carpet yarns, .....	10	1,151,333	1,536,969	282	670
74.	Cotton yarns, .....	6	1,481,727	1,058,263	300	656
75.	Worsted, woolen and cotton yarns, .....	8	2,493,455	3,550,056	302	1,698
76.	Woolen blankets, flannels, etc., .....	5	890,352	1,572,956	289	1,107
77.	Lace goods, .....	3	1,803,098	482,211	295	1,638
78.	Chenille goods, .....	3	760,000	1,071,107	295	725
79.	Upholstery goods, .....	7	1,287,000	1,325,065	300	1,540
80.	Knit goods—underwear, ....	12	2,059,223	2,096,790	297	2,435
81.	Hosiery, .....	30	4,443,908	3,260,548	293	7,356
82.	Silk, broad goods, thrown silk yarns, etc., .....	5	2,042,500	5,607,675	301	4,321
83.	Silk, broad goods and rib- bons, .....	2	1,662,000	1,808,219	298	2,210
84.	Silk ribbons, .....	3	356,171	1,101,514	282	1,156
Totals, .....		710	\$286,552,433	\$208,193,788	296	202,401



## YEAR 1905.

## RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
136,869	1,037,468	2,429 67	320 54	1 05	69.2	13.2	795,337 pieccs.	62
515,983	2,511,247	1,506 45	309 53	1 02	53.8	20.5	.....	63
957,214	3,752,303	1,431 63	365 21	1 23	51.9	25.5	473,750 dozen.	64
48,240	306,811	2,145 53	337 34	1 10	61.7	15.7	.....	65
1,942,926	8,476,016	1,719 27	394 10	1 33	60.1	22.9	.....	66
1,155,284	6,483,131	2,373 03	422 88	1 44	61.5	17.8	13,359,024 yards.	67
931,306	3,666,103	1,467 62	372 82	1 25	52.7	25.4	.....	68
997,801	4,255,797	1,556 01	364 82	1 25	58.3	23.4	.....	69
1,337,624	8,819,219	2,613 87	396 45	1 32	62.6	15.2	.....	70
688,374	4,943,719	2,320 99	323 18	1 11	69.4	13.9	9,069,265 pounds.	71
1,210,648	4,456,209	1,560 84	424 04	1 51	49.4	27.2	.....	72
274,383	2,047,474	3,055 93	409 52	1 40	75.1	13.4	13,961,341 pounds.	73
243,164	1,572,736	2,397 46	370 68	1 24	67.3	15.5	7,541,988 pounds.	74
546,499	4,825,562	2,841 91	321 85	1 06	73.6	11.3	5,476,157 pounds.	75
377,473	2,661,240	2,404 01	340 99	1 18	59.1	14.2	.....	76
504,718	1,627,910	993 84	308 13	1 04	29.6	31.0	.....	77
262,665	1,478,546	2,039 37	362 16	1 23	72.4	17.8	4,003,119 yards.	78
704,946	2,803,263	1,820 30	477 76	1 52	47.3	25.1	.....	79
708,149	3,243,981	1,332 23	290 82	98	64.6	21.8	.....	80
2,294,918	7,459,770	1,014 10	311 98	1 06	43.7	30.8	7,052,182 dozen.	81
1,211,048	8,555,609	1,980 01	280 27	93	65.5	14.1	6,248,162 yards.	82
711,141	3,477,234	1,573 41	321 79	1 08	52.0	20.5	8,430,258 yards.	83
435,341	2,027,757	1,754 11	376 59	1 33	54.3	21.5	30,108,062 yards.	84
\$97,463,104	\$400,311,210	\$1,977 81	\$481 54	\$1 63	52.0	24.3	.....	

## RESUME.

TOTAL, SAME ESTABLISHMENTS FOR THE YEARS 1896 TO 1905 IN-  
CLUSIVE.

Years.	Character of Industries.	Number of estab- lishments considered.	Capital in- vested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1896, .....		710	\$170,169,195	\$81,679,955	267	122,138
1897, .....		710	173,405,857	88,837,529	286	127,461
1898, .....		710	178,588,674	101,497,555	286	141,819
1899, .....		710	209,542,208	142,861,640	289	163,683
1900, .....		710	225,955,539	163,347,771	289	175,501
1901, .....		710	233,312,008	167,294,827	292	183,183
1902, .....		710	237,915,740	194,788,437	293	194,945
1903, .....		710	266,387,285	197,556,575	290	203,838
1904, .....		710	306,507,455	165,441,999	286	183,833
1905, .....		710	286,552,433	208,193,788	296	202,401

## RESUME.

TOTAL, SAME ESTABLISHMENTS FOR THE YEARS 1896 TO 1905 IN-  
CLUSIVE.

Aggregate wages paid to workmen.	Market value of production.	Average value of produc- tion for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of pro- duction.	Relative per cent. wages to value of production.
\$46,736,124	\$169,806,501	\$1,390 28	\$382 65	\$1 43	48.1	27.5
47,852,604	182,572,176	1,432 37	375 43	1 32	48.7	26.2
57,312,659	217,514,078	1,533 74	404 12	1 41	47.1	26.4
70,944,181	287,635,100	1,754 05	433 42	1 50	49.6	24.7
76,838,628	325,161,818	1,852 76	437 82	1 52	50.2	23.8
82,160,337	339,027,496	1,850 76	448 52	1 53	49.3	24.3
93,947,766	388,806,566	1,994 44	481 92	1 64	50.0	24.1
98,259,805	390,224,148	1,914 38	482 04	1 66	50.6	25.2
84,483,863	334,343,735	1,818 74	459 57	1 60	49.5	25.3
97,463,104	400,311,210	1,977 81	481 54	1 63	52.0	24.3

# COMPARISON OF TOTALS, ALL ESTABLISHMENTS (710) FOR THE YEARS 1896 TO 1905 INCLUSIVE.

Years.	Total number of es- tablish- ments consid- ered.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1905 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.
CAPITAL INVESTED.						
1896, .....	710	\$170,169,195	.....	.....	.....	.....
1897, .....	710	173,405,857	+\$3,236,662	+1.9	.....	.....
1898, .....	710	178,588,674	+5,182,817	+3.0	.....	.....
1899, .....	710	209,542,208	+30,953,534	+17.3	.....	.....
1900, .....	710	225,955,539	+16,413,331	+7.8	.....	.....
1901, .....	710	233,312,008	+7,356,469	+3.3	.....	.....
1902, .....	710	237,915,740	+4,603,732	+2.0	.....	.....
1903, .....	710	266,387,285	+28,471,545	+12.4	.....	.....
1904, .....	710	306,507,455	+40,120,170	+15.1	.....	.....
1905, .....	710	286,552,433	—19,955,022	—6.5	+116,383,238	+68.4
VALUE OF BASIC MA- TERIAL.						
1896, .....	710	81,679,955	.....	.....	.....	.....
1897, .....	710	88,837,529	+7,157,574	+8.7	.....	.....
1898, .....	710	101,497,555	+12,660,026	+14.3	.....	.....
1899, .....	710	142,864,640	+41,367,085	+39.8	.....	.....
1900, .....	710	163,347,771	+20,483,131	+14.3	.....	.....
1901, .....	710	167,294,827	+3,947,056	+2.5	.....	.....
1902, .....	710	194,788,437	+27,493,610	+16.4	.....	.....
1903, .....	710	197,556,575	+2,768,138	+1.4	.....	.....
1904, .....	710	165,441,999	—32,114,576	—16.8	.....	.....
1905, .....	710	208,193,788	+42,751,789	+25.8	+126,513,833	+154.9
AVERAGE NUMBER OF DAYS IN OPERATION.						
1896, .....	710	267	.....	.....	.....	.....
1897, .....	710	286	+19	+7.1	.....	.....
1898, .....	710	286	.....	.....	.....	.....
1899, .....	710	289	+3	+1.0	.....	.....
1900, .....	710	289	.....	.....	.....	.....
1901, .....	710	292	+3	+1.0	.....	.....
1902, .....	710	293	+1	+0.3	.....	.....
1903, .....	710	290	—3	—1.0	.....	.....
1904, .....	710	286	—4	—1.4	.....	.....
1905, .....	710	296	+10	+3.5	+29	+10.9
NUMBER OF PERSONS EMPLOYED.						
1896, .....	710	122,138	.....	.....	.....	.....
1897, .....	710	127,461	+5,323	+4.3	.....	.....
1898, .....	710	141,819	+14,358	+11.3	.....	.....
1899, .....	710	163,683	+21,864	+15.4	.....	.....
1900, .....	710	175,501	+11,818	+7.2	.....	.....
1901, .....	710	183,183	+7,682	+4.4	.....	.....
1902, .....	710	194,945	+11,762	+6.4	.....	.....
1903, .....	710	203,838	+8,893	+4.6	.....	.....
1904, .....	710	183,833	—20,005	—9.8	.....	.....
1905, .....	710	202,401	+18,568	+10.1	+80,263	+65.7

**COMPARISON OF TOTALS, ALL ESTABLISHMENTS (710) FOR  
THE YEARS 1896 TO 1905 INCLUSIVE—Continued.**

Years.	Total number of es- tablish- ments consid- ered.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1905 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.
AGGREGATE AMOUNT OF WAGES PAID.						
1896, .....	710	\$46,736,124	.....	.....	.....	.....
1897, .....	710	47,852,604	+\$1,116,480	+2.4	.....	.....
1898, .....	710	57,312,659	+9,460,055	+19.8	.....	.....
1899, .....	710	70,944,181	+13,631,522	+23.8	.....	.....
1900, .....	710	76,838,628	+5,894,447	+8.3	.....	.....
1901, .....	710	82,160,337	+5,321,709	+6.9	.....	.....
1902, .....	710	93,947,766	+11,787,429	+14.3	.....	.....
1903, .....	710	98,259,805	+4,312,039	+4.6	.....	.....
1904, .....	710	84,483,863	—13,775,942	—14.0	.....	.....
1905, .....	710	97,463,104	+12,979,241	+15.4	+50,726,980	+108.5
MARKET VALUE OF PRODUCTION.						
1896, .....	710	169,806,501	.....	.....	.....	.....
1897, .....	710	182,572,176	+12,765,675	+7.5	.....	.....
1898, .....	710	217,514,078	+34,941,902	+19.1	.....	.....
1899, .....	710	287,635,100	+70,121,022	+32.2	.....	.....
1900, .....	710	325,161,818	+37,526,718	+13.0	.....	.....
1901, .....	710	339,027,496	+13,865,678	+4.3	.....	.....
1902, .....	710	388,806,566	+49,779,070	+14.7	.....	.....
1903, .....	710	390,224,148	+1,417,582	+4	.....	.....
1904, .....	710	334,343,735	—55,880,413	—14.3	.....	.....
1905, .....	710	400,311,210	+65,967,475	+19.7	+230,504,709	+135.7
VALUE OF PRODUC- TION DURING THE YEAR TO EACH EM- PLOYEE.						
1896, .....	710	1,390 28	.....	.....	.....	.....
1897, .....	710	1,432 37	+42 09	+3.0	.....	.....
1898, .....	710	1,533 74	+101 37	+7.1	.....	.....
1899, .....	710	1,754 05	+220 31	+14.4	.....	.....
1900, .....	710	1,852 76	+98 71	+5.6	.....	.....
1901, .....	710	1,850 76	—2 00	—1	.....	.....
1902, .....	710	1,994 44	+143 68	+7.8	.....	.....
1903, .....	710	1,914 38	—80 06	—4.0	.....	.....
1904, .....	710	1,818 74	—95 64	—5.0	.....	.....
1905, .....	710	1,977 81	+159 07	+8.7	+587 53	+42.3
AVERAGE YEARLY EARNINGS.						
1896, .....	710	382 65	.....	.....	.....	.....
1897, .....	710	375 43	—7 22	—1.9	.....	.....
1898, .....	710	404 12	+28 69	+7.6	.....	.....
1899, .....	710	433 42	+29 30	+7.2	.....	.....
1900, .....	710	437 82	+4 40	+1.0	.....	.....
1901, .....	710	448 52	+10 70	+2.5	.....	.....
1902, .....	710	481 92	+33.40	+7.4	.....	.....
1903, .....	710	482 04	+12	.....	.....	.....
1904, .....	710	459 57	—22.47	—4.6	.....	.....
1905, .....	710	481 54	+21 97	+4.8	+98 89	+25.9

**COMPARISON OF TOTALS, ALL ESTABLISHMENTS (710) FOR  
THE YEARS 1896 TO 1905 INCLUSIVE—Continued.**

Years.	Total number of es- tablish- ments consid- ered.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1905 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.

**AVERAGE DAILY  
WAGE.**

1896, .....	710	\$1 43	.....	.....	.....	.....
1897, .....	710	1 32	—11	—7.7	.....	.....
1898, .....	710	1 41	+09	+6.8	.....	.....
1899, .....	710	1 50	+09	+6.4	.....	.....
1900, .....	710	1 52	+02	+1.3	.....	.....
1901, .....	710	1 53	+01	+7	.....	.....
1902, .....	710	1 64	+11	+7.2	.....	.....
1903, .....	710	1 66	+02	+1.2	.....	.....
1904, .....	710	1 60	—06	—3.6	.....	.....
1905, .....	710	1 63	+03	+1.9	+20	+14.0

**RELATIVE PER CENT.  
BASIC MATERIAL TO  
VALUE OF PRODUC-  
TION.**

1896, .....	710	48.1	.....	.....	.....	.....
1897, .....	710	48 7	+6	.....	.....	.....
1898, .....	710	47.1	—1.6	.....	.....	.....
1899, .....	710	49.6	+2.5	.....	.....	.....
1900, .....	710	50.2	+6	.....	.....	.....
1901, .....	710	49.3	—9	.....	.....	.....
1902, .....	710	50.0	+7	.....	.....	.....
1903, .....	710	50.6	+6	.....	.....	.....
1904, .....	710	49.5	—1.1	.....	.....	.....
1905, .....	710	52.0	+2.5	.....	3.9	.....

**RELATIVE PER CENT.  
WAGES TO VALUE OF  
PRODUCTION.**

1896, .....	710	27.5	.....	.....	.....	.....
1897, .....	710	26.2	—1.3	.....	.....	.....
1898, .....	710	26.4	+2	.....	.....	.....
1899, .....	710	24.7	—1.7	.....	.....	.....
1900, .....	710	23.8	—9	.....	.....	.....
1901, .....	710	24.3	+5	.....	.....	.....
1902, .....	710	24.1	—2	.....	.....	.....
1903, .....	710	25.2	+1.1	.....	.....	.....
1904, .....	710	25.3	+1	.....	.....	.....
1905, .....	710	24.3	—1.0	.....	—3.2	.....



THE 77 INDUSTRIES SHOWING INCREASE IN YEARLY EARNINGS 1905 OVER 1896 AS REDUCED FROM THE 1896 COMPARATIVE SERIES.

Industries.	Yearly earnings, 1896.	Yearly earnings, 1905.	Decrease of earnings, 1905 over 1896.
Tool steel, etc., .....	\$554 04	\$851 62	\$297 58
Iron and steel forgings, .....	478 61	642 76	164 15
Malleable iron, .....	450 75	535 05	84 30
Bolts, nuts, etc., .....	426 44	430 42	3 98
Bolts, nuts, etc., .....	456 74	504 02	47 28
Tacks and small nails, .....	297 01	348 76	51 75
Wire, .....	462 70	513 61	50 91
Wire goods, .....	292 31	375 72	83 41
Scales, etc., .....	588 94	688 28	99 34
Stoves, ranges, heaters, etc., .....	411 16	627 32	216 16
Bath boilers, tanks, etc., .....	465 04	484 85	19 81
Hardware specialties, .....	407 67	470 65	62 98
Edge tools, .....	435 70	545 77	110 70
Wrenches, picks, etc., .....	428 91	563 55	134 64
Locomotives and cars built and repaired, .....	485 43	628 88	143 45
Wrought iron pipe and tubes, .....	407 72	605 95	198 23
Cast iron pipes, .....	412 89	487 06	74 17
Brass, copper and bronze goods, .....	407 01	547 01	140 00
Iron and steel bridges, .....	504 77	564 59	59 82
Locomotives, stationary engines, etc., .....	561 53	657 44	95 91
Engines, boilers, etc., .....	522 13	590 07	67 94
Car springs, axles and railway supplies, .....	413 76	505 71	191 95
Iron vessels and engines, .....	573 83	638 23	64 40
Machinery, .....	521 67	594 12	72 43
Foundries and machine shops, .....	450 22	556 18	105 96
Files, etc., .....	328 99	309 77	61 78
Saws, etc., .....	459 73	546 73	86 82
Plumbers' supplies, .....	436 82	487 75	51 43
Electrical supplies, .....	505 28	557 38	52 10
Shovels, scoops, spades, etc., .....	399 23	570 47	171 24
Safes and vault doors, .....	426 23	438 09	11 86
Metal and metallic goods, .....	303 58	342 72	39 14

THE 77 INDUSTRIES SHOWING INCREASE IN YEARLY EARNINGS 1905 OVER 1896 AS REDUCED FROM THE 1896 COMPARATIVE SERIES—Continued.

Industries.	Yearly earnings, 1896.	Yearly earnings, 1905.	Decrease of earnings, 1905 over 1896.
Building and structural iron work, .....	\$508 18	\$616 40	\$108 22
Iron chains, .....	396 22	546 07	149 85
Iron fences and railings, .....	474 84	497 90	23 06
Agricultural implements, .....	466 66	500 47	33 81
Steam pumps, .....	793 26	861 77	78 51
Pianos and organs, .....	423 67	449 16	25 49
Paper manufacture, .....	381 90	483 41	102 61
Wall paper, .....	314 67	385 95	71 28
Cigars, .....	275 29	312 47	37 18
Book binding, .....	470 70	590 62	119 92
Paper, paper boxes and envelopes, .....	271 76	318 13	46 37
Pottery, .....	497 00	548 35	51 00
Paving brick, .....	326 54	409 92	83 38
Building brick, .....	352 18	401 38	49 15
Fire brick, .....	389 29	531 87	142 87
Slate roofing, etc. (tonnage), .....	303 61	456 60	152 99
Slate roofing, etc. (squares), .....	316 89	399 74	82 85
Window glass, bottles and table goods, .....	379 14	485 95	106 81
Glazed and chrome kld, .....	353 15	466 60	113 45
Men's, women's, misses' and children's shoes, .....	342 13	413 64	71 51
Suspenders, .....	281 24	346 11	64 87
Hats and caps, .....	296 23	394 80	108 57
Fur and felt hats, .....	399 97	470 50	70 53
Wool hats, .....	318 46	378 81	60 35
Umbrellas and parasols, .....	231 65	320 54	88 99
Dress trimmings, braids, etc., .....	270 87	309 53	38 66
Shirts and shirt waists, .....	298 87	365 21	66 34
Cotton and woolen cloths, .....	319 76	394 10	74 34
Carpets, .....	346 63	422 88	76 25
Cotton goods, .....	279 41	372 82	93 41
Woolen and worsted cassimeres, .....	309 25	364 82	55 57
Woolen and worsted fabrics, .....	277 04	396 45	119 41
Woolen and worsted yarns, .....	269 36	323 18	53 82
Rugs, yarns, etc., .....	322 64	424 04	101 40

THE 77 INDUSTRIES SHOWING INCREASE IN YEARLY EARNINGS 1905 OVER 1896 AS REDUCED FROM THE 1896 COMPARATIVE SERIES—Continued.

Industries.	Yearly earnings, 1896.	Yearly earnings, 1905.	Increase of earnings, 1905 over 1896.
Carpet yarns, .....	\$337 29	\$409 52	\$72 23
Cotton yarns, .....	273 14	370 68	97 54
Worsted, woolen and cotton yarns, .....	299 69	321 85	22 16
Lace goods, .....	253 95	308 13	54 19
Chenille goods, .....	226 95	362 16	135 21
Upholstery goods, .....	364 10	477 76	113 66
Knit goods, underwear, .....	262 29	290 82	28 53
Hosiery, .....	237 59	311 98	74 39
Silk, broad goods, thrown silk, yarns, etc., .....	243 73	280 27	36 24
Silk, broad goods and ribbons, .....	250 25	321 79	71 54
Silk, ribbons, .....	256 22	376 59	120 37

THE 7 INDUSTRIES SHOWING DECREASE IN YEARLY EARNINGS 1905 OVER 1896 AS REDUCED FROM THE 1896 COMPARATIVE SERIES.

Industries.	Yearly earnings, 1896.	Yearly earnings, 1905.	Decrease of earnings, 1905 over 1896.
Wire rope, .....	\$443 72	\$386 79	\$56 93
Wagon, carriage axles and springs, .....	503 45	469 06	34 39
Boilers, tanks, stacks, etc., .....	467 08	405 15	61 93
Tinware, .....	378 66	325 02	53 64
Cordage, rope and twine, .....	301 21	296 27	4 94
Neckwear, .....	383 74	337 34	46 40
Woolen blankets, flannels, etc., .....	358 52	340 99	17 53

### AVERAGE DAILY WAGE.

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Deductions from 1896 Comparative Series Daily Wage and means the average wage for skilled and unskilled labor, men, women and children.

Steam pumps, .....	\$3 29
Tool steel, etc., .....	2 82
Stoves, heaters, ranges, etc., .....*	2 32
Scales, etc., .....	2 31
Iron and steel forgings, .....	2 17
Locomotives, stationary engines, etc., .....	2 15
Iron vessels and engines, .....	2 11
Locomotives, cars built and repaired, ....	2 10
Wrought iron pipes and tubes, .....	2 05
Iron chains, .....	2 05
Edge tools, .....	2 01
Building and structural iron work, .....	2 01
Wrenches, picks, etc., .....	1 98
Engines, boilers, etc., .....	1 98
Machinery, .....	1 97
Shovels, spades, scoops, etc., .....	1 96
Book binding, .....	1 92
Foundries and machine shops, .....	1 91
Saws, .....	1 89
Iron and steel bridges, .....	1 87
Metal and metallic goods, .....	1 86
Slate roofing, etc. (squares), .....	1 83
Electrical supplies, .....	1 83
Brass, copper and bronze goods, .....	1 82
Malleable iron, .....	1 80
Pottery, .....	1 80
Fire brick, .....	1 80
Window glass, bottles and table goods, .....	1 74
Wire, .....	1 73
Wire nails, rivets, etc., .....	1 70
Building brick, .....	1 68
Slate roofing, etc. (squares), .....	1 66
Agricultural implements, .....	1 66
Car springs, axles and railway supplies, .....	1 64
Iron fences and railings, .....	1 63
Paper manufacture, .....	1 62
Bath boilers, tanks, etc., .....	1 60
Hardware specialties, .....	1 60
Wool hats, .....	1 59

Cast iron pipe, .....	1 57
Glazed and chrome kid, .....	1 57
Wagon and carriage axles and springs, .....	1 56
Fur and felt hats, .....	1 54
Plumbers supplies, .....	1 53
Paving brick, .....	1 53
Pianos and organs, .....	1 52
Upholstery goods, .....	1 52
Rugs, yarns, etc., .....	1 51
Safes and vault doors, .....	1 45
Carpets, .....	1 44
Bolts, nuts, etc., .....	1 42
Carpet yarns, .....	1 40
Men's, women's, misses and children's shoes, .....	1 39
Hats and caps, .....	1 37
Boilers, tanks, stacks, etc., .....	1 35
Cotton and woolen cloths, .....	1 33
Silk ribbons, .....	1 33
Woolen and worsted fabrics, .....	1 32
Tacks and small nails, .....	1 30
Files, .....	1 29
Wall paper, .....	1 28
Wire rope, .....	1 27
Woolen and worsted cassimeres, .....	1 25
Cotton goods, .....	1 25
Cotton yarns, .....	1 24
Wire goods, .....	1 23
Shirts and shirt waists, .....	1 23
Chenille goods, .....	1 23
Woolen blankets, flannels, etc., .....	1 18
Suspenders, .....	1 17
Woolen and worsted yarns, .....	1 11
Cigars, .....	1 10
Neckwear, .....	1 10
Tinware, .....	1 09
Silk, broad goods and ribbons, .....	1 08
Paper, paper boxes, envelopes, etc., .....	1 07
Hosiery, .....	1 06
Worsted, woolen and cotton yarns, .....	1 06
Umbrellas and parasols, .....	1 05
Cordage, rope, twine, etc., .....	1 04
Lace goods, .....	1 04
Dress trimmings, braids, etc., .....	1 02
Knit goods, underwear, .....	98
Silk broad goods, thrown silk, yarn, etc., .....	93

CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS.

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Tool steel, .....	3	.....	.....	.....
403 males, .....	.....	\$349 019	\$841 24	\$2 79
10 minors, .....	.....	2,400	200 00	.66
Iron and steel forgings, .....	5	.....	.....	.....
359 males, .....	.....	230,749	642 86	2 16
Malleable iron, .....	4	.....	.....	.....
1,898 males, .....	.....	1,041,271	548 61	1 84
63 females, .....	.....	18,487	293 44	98
33 minors, .....	.....	8,921	270 36	91
Bolts, nuts, etc., .....	7	.....	.....	.....
1,144 males, .....	.....	509,415	445 29	1 47
141 minors, .....	.....	43,678	309 77	1 02
Wire nails, rivets, etc., .....	3	.....	.....	.....
265 males, .....	.....	135,088	509 77	1 72
6 minors, .....	.....	1,506	250 00	84
Tacks and small nails, .....	3	.....	.....	.....
85 males, .....	.....	32,409	381 28	1 42
18 females, .....	.....	4,017	223 17	83
5 minors, .....	.....	1,240	248 00	93
Wire, .....	4	.....	.....	.....
168 males, .....	.....	95,028	505 68	1 91
15 females, .....	.....	4,180	278 00	94
16 minors, .....	.....	3,000	187 50	63
Wire rope, .....	2	.....	.....	.....
438 males, .....	.....	177,468	405 18	1 33
56 females, .....	.....	14,394	257 14	84
5 minors, .....	.....	1,148	229 60	75
Wire goods, .....	5	.....	.....	.....
188 males, .....	.....	72,785	387 16	1 36
40 females, .....	.....	8,775	219 37	75
Wagons, carriage axles and springs, .....	4	.....	.....	.....
727 males, .....	.....	352,937	484 08	1 61
48 minors, .....	.....	10,584	220 50	75



CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS—Continued.

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Scales, .....	3	.....	.....	.....
208 males, .....	.....	\$143,162	\$688 28	\$2 31
Stoves, heaters, ranges, etc., .....	28	.....	.....	.....
3,647 males, .....	.....	2,311,414	669 98	2 42
48 minors, .....	.....	6,612	137 75	57
Baths, boilers, tanks, etc., .....	2	.....	.....	.....
45 males, .....	.....	21,818	484 84	1 60
Hardware specialties, .....	12	.....	.....	.....
2,961 males, .....	.....	1,475,207	498 21	1 69
111 females, .....	.....	32,743	294 99	1 00
223 minors, .....	.....	47,034	202 73	69
Edge tools, .....	12	.....	.....	.....
833 males, .....	.....	457,795	549 58	2 03
16 females, .....	.....	3,799	237 44	88
13 minors, .....	.....	2,219	170 69	63
Wrenches, picks, etc., .....	5	.....	.....	.....
392 males, .....	.....	222,714	568 15	2 00
6 minors, .....	.....	1,580	263 33	93
Locomotives and cars built and repaired, .....	3	.....	.....	.....
11,387 males, .....	.....	7,181,396	621 86	2 08
4 females, .....	.....	1,504	376 00	1 26
45 minors, .....	.....	9,026	200 57	67
Wrought iron pipe and tubes, .....	5	.....	.....	.....
5,738 males, .....	.....	3,529,816	615 16	2 12
170 minors, .....	.....	50,158	295 05	1 00
Cast iron pipe, .....	3	.....	.....	.....
1,160 males, .....	.....	568,913	490 44	1 59
23 minors, .....	.....	7,273	316 22	1 02
Brass, copper and bronze goods, .....	18	.....	.....	.....
1,470 males, .....	.....	879,494	598 29	1 99
153 females, .....	.....	50,339	329 01	1 09
114 minors, .....	.....	21,885	191 97	64
Iron and steel bridges, .....	7	.....	.....	.....
3,226 males, .....	.....	1,821,349	595 89	1 98

**CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS—Continued.**

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Locomotives, stationary engines, etc., .....	9	.....	.....	.....
18,120 males, .....	.....	\$11,967,125	\$660 43	\$2 16
108 minors, .....	.....	16,846	155 98	51
Engines, boilers, etc., .....	9	.....	.....	.....
2,246 males, .....	.....	1,339,258	591 83	1 99
28 females, .....	.....	6,119	218 54	73
9 minors, .....	.....	1,770	196 67	66
Cars, springs, axles and railway supplies, .....	9	.....	.....	.....
7,901 males, .....	.....	4,000,668	506 35	1 64
18 minors, .....	.....	4,024	223 56	72
Iron vessels and engines, .....	3	.....	.....	.....
5,369 males, .....	.....	3,517,618	655 17	2 16
24 females, .....	.....	4,543	189 29	62
155 minors, .....	.....	18,714	120 74	40
Boilers, tanks, stacks, etc., .....	20	.....	.....	.....
2,447 males, .....	.....	995,533	407 12	1 36
18 minors, .....	.....	3,164	175 78	59
Machinery, .....	18	.....	.....	.....
4,829 males, .....	.....	2,869,831	594 68	1 97
2 minors, .....	.....	364	182 00	60
Foundries and machine shops, .....	24	.....	.....	.....
4,080 males, .....	.....	2,296,160	562 78	1 93
70 minors, .....	.....	16,442	234 89	81
Files, etc., .....	2	.....	.....	.....
299 males, .....	.....	145,009	484 98	1 60
132 females, .....	.....	36,589	277 19	92
73 minors, .....	.....	14,958	204 90	68
Saws, etc., .....	3	.....	.....	.....
54 males, .....	.....	29,514	546 56	1 89
Plumbers' supplies, .....	3	.....	.....	.....
1,040 males, .....	.....	515,202	495 39	1 56
25 females, .....	.....	7,386	295 44	93
10 minors, .....	.....	1,741	174 40	53
Electrical supplies, .....	2	.....	.....	.....
8,795 males, .....	.....	5,132,672	583 87	1 91
963 females, .....	.....	306,296	318 07	1 04

CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS—Continued.

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Shovels, scoops, spades, etc., .....	8	.....	.....	.....
695 males, .....	.....	\$400,240	\$503 94	\$1 73
5 females, .....	.....	2,435	487 00	1 67
21 minors, .....	.....	8,635	411 19	1 41
Safes and vault doors, .....	2	.....	.....	.....
306 males, .....	.....	134,057	428 09	1 45
Metal and metallic goods, .....	3	.....	.....	.....
112 males, .....	.....	41,065	366 65	1 99
8 females, .....	.....	1,603	200 38	1 09
6 minors, .....	.....	515	85 83	47
Building and structural iron work, .....	2	.....	.....	.....
2,011 males, .....	.....	1,239,582	616 41	2 01
Iron chains, .....	5	.....	.....	.....
523 males, .....	.....	304,224	581 69	2 18
59 minors, .....	.....	13,587	230 29	86
Iron fences and railings, .....	7	.....	.....	.....
482 males, .....	.....	239,998	498 13	1 63
Agricultural implements, .....	10	.....	.....	.....
2,031 males, .....	.....	1,018,612	501 53	1 66
1 female, .....	.....	300	300 00	1 00
7 minors, .....	.....	1,549	221 29	73
Steam pumps, .....	2	.....	.....	.....
185 males, .....	.....	159,427	861 77	3 29
Pianos and organs, .....	2	.....	.....	.....
162 males, .....	.....	73,403	453 10	1 53
2 minors, .....	.....	260	130 00	44
Tinware, .....	5	.....	.....	.....
660 males, .....	.....	262,553	297 81	1 33
179 females, .....	.....	31,060	173 18	58
164 minors, .....	.....	32,448	197 84	66
Paper manufacturers, .....	8	.....	.....	.....
1,699 males, .....	.....	888,927	523 21	1 76
277 females, .....	.....	65,092	234 99	79
30 minors, .....	.....	5,712	190 00	64

CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS—Continued.

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Wall paper, .....	3	.....	.....	.....
220 males, .....	.....	\$100,014	\$454 61	\$1 37
30 females, .....	.....	5,893	196 43	65
38 minors, .....	.....	5,247	138 08	46
Cigars, .....	43	.....	.....	.....
3,750 males, .....	.....	1,572,556	419 08	1 47
5,492 females, .....	.....	1,421,853	258 82	91
499 minors, .....	.....	49,400	99 00	34
Book binding, .....	3	.....	.....	.....
97 males, .....	.....	76,931	793 10	2 58
61 females, .....	.....	18,791	308 05	1 00
6 minors, .....	.....	1,140	190 00	62
Cordage, rope and twine, .....	5	.....	.....	.....
1,033 males, .....	.....	436,189	422 25	1 48
1,289 females, .....	.....	290,515	224 60	79
266 minors, .....	.....	40,051	150 57	53
Paper, paper boxes, envelopes, etc., .....	26	.....	.....	.....
745 males, .....	.....	373,085	500 79	1 69
1,240 females, .....	.....	299,436	241 48	81
250 minors, .....	.....	38,496	153 98	52
Pottery, .....	2	.....	.....	.....
157 males, .....	.....	88,689	564 89	1 83
7 females, .....	.....	1,620	231 43	76
2 minors, .....	.....	718	359 00	1 19
Paving brick, .....	7	.....	.....	.....
538 males, .....	.....	222,436	413 48	1 55
11 minors, .....	.....	2,613	237 54	89
Building brick, .....	30	.....	.....	.....
2,088 males, .....	.....	856,393	410 15	1 72
1 female, .....	.....	120	120 00	50
42 minors, .....	.....	8,378	199 48	.....
Fire brick, .....	17	.....	.....	.....
2,518 males, .....	.....	1,357,632	539 17	1 87
70 minors, .....	.....	17,813	254 47	83

**CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS—Continued.**

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Slate roofing, etc. (tonnage), .....	6	.....	.....	.....
840 males, .....		\$387,766	\$461 63	\$1 85
16 minors, .....		3,086	199 75	79
Slate roofing, etc. (squares), .....	14	.....	.....	.....
1,598 males, .....		642,220	401 89	1 67
16 minors, .....		2,971	185 69	77
Window glass, bottles and table goods, .....	20	.....	.....	.....
8,808 males, .....		4,820,668	547 32	1 96
891 females, .....		200,276	224 67	81
1,181 minors, .....		266,232	225 43	81
Glazed and chrome kld, .....	7	.....	.....	.....
3,731 males, .....		1,880,854	504 12	1 69
161 females, .....		45,181	280 62	94
418 minors, .....		85,018	203 39	68
Men's, women's, misses' and children's shoes, .....	13	.....	.....	.....
1,916 males, .....		1,007,327	525 79	1 76
1,314 females, .....		379,650	288 93	97
215 minors, .....		38,023	176 85	57
Suspenders, .....	2	.....	.....	.....
35 males, .....		23,250	650 00	2 19
186 females, .....		53,655	288 47	97
22 minors, .....		7,545	342 91	1 15
Hats and caps, .....	3	.....	.....	.....
356 males, .....		185,185	520 13	1 74
183 females, .....		34,407	188 61	62
24 minors, .....		2,687	111 96	39
Fur and felt hats, .....	4	.....	.....	.....
2,490 males, .....		1,361,342	546 72	1 89
715 females, .....		213,278	298 29	97
239 minors, .....		45,768	191 50	62
Wool hats, .....	6	.....	.....	.....
278 males, .....		129,482	465 76	1 97
112 females, .....		22,410	200 09	84
15 minors, .....		1,528	101 87	43
Umbrellas and parasols, .....	4	.....	.....	.....
130 males, .....		50,832	391 91	1 29
285 females, .....		84,088	295 04	97
12 minors, .....		1,949	162 42	53

CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS—Continued.

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Dress trimmings, braids, etc., .....	8	.....	.....	.....
400 males, .....	.....	\$208,098	\$520 25	\$1 72
1,048 females, .....	.....	268,432	256 14	85
219 minors, .....	.....	39,452	179 69	60
Shirts and shirt waists, .....	8	.....	.....	.....
516 males, .....	.....	292,432	566 89	1 91
2,005 females, .....	.....	647,443	322 91	1 08
100 minors, .....	.....	17,339	173 39	58
Neckwear, .....	3	.....	.....	.....
79 males, .....	.....	31,963	404 59	1 32
64 females, .....	.....	16,277	254 33	83
Cotton and woolen cloths, .....	20	.....	.....	.....
2,175 males, .....	.....	1,060,907	492 32	1 69
2,077 females, .....	.....	748,909	360 57	1 25
678 minors, .....	.....	133,110	197 80	70
Carpets, .....	17	.....	.....	.....
1,452 males, .....	.....	707,035	486 94	1 70
1,214 females, .....	.....	436,617	359 65	1 23
66 minors, .....	.....	11,632	176 24	60
Cotton goods, .....	14	.....	.....	.....
956 males, .....	.....	445,228	465 72	1 56
1,316 females, .....	.....	443,694	337 15	1 13
226 minors, .....	.....	42,384	187 81	63
Woolen and worsted cassimeres, .....	10	.....	.....	.....
1,422 males, .....	.....	611,282	429 87	1 48
1,096 females, .....	.....	345,590	315 32	1 08
217 minors, .....	.....	40,929	188 61	65
Woolen and worsted fabrics, .....	13	.....	.....	.....
1,194 males, .....	.....	670,592	561 63	1 87
1,747 females, .....	.....	583,669	330 41	1 10
433 minors, .....	.....	83,363	192 52	64
Woolen and worsted yarns, .....	11	.....	.....	.....
660 males, ....	.....	327,535	496 27	1 70
1,133 females, ...	.....	301,705	266 29	91
337 minors, ....	.....	59,134	175 47	60



**CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS—Continued.**

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Rugs, yarns, etc., .....	5	.....	.....	.....
1,530 males, .....	.....	\$833,538	\$544 80	\$1 94
1,159 females, .....	.....	348,340	300 55	1 07
166 minors, .....	.....	28,770	173 31	62
Carpet yarns, .....	10	.....	.....	.....
417 males, .....	.....	200,381	480 05	1 70
205 females, .....	.....	63,011	307 37	1 09
48 minors, .....	.....	8,991	187 31	66
Cotton yarns, .....	6	.....	.....	.....
204 males, .....	.....	112,115	549 58	1 83
326 females, .....	.....	107,280	329 08	1 10
126 minors, .....	.....	23,769	188 18	63
Worsted, woolen and cotton yarns, .....	8	.....	.....	.....
474 males, .....	.....	240,446	507 27	1 58
915 females, .....	.....	246,633	269 54	86
309 minors, .....	.....	59,420	192 30	64
Woolen blankets, flannels, etc., .....	5	.....	.....	.....
609 males, .....	.....	245,191	402 61	1 39
414 females, .....	.....	116,139	280 58	97
84 minors, .....	.....	16,143	194 56	67
Lace goods, .....	3	.....	.....	.....
561 males, .....	.....	278,802	495 19	1 67
916 females, .....	.....	202,970	226 58	77
161 minors, .....	.....	22,946	141 25	48
Chenille goods, .....	3	.....	.....	.....
374 males, .....	.....	161,089	430 72	1 46
327 females, .....	.....	97,424	291 82	99
14 minors, .....	.....	4,152	296 57	1 01
Upholstery goods, .....	7	.....	.....	.....
903 males, .....	.....	537,052	594 74	1 98
561 females, .....	.....	158,667	282 83	94
76 minors, .....	.....	9,227	121 41	40
Knit goods, underwear, .....	12	.....	.....	.....
481 males, .....	.....	239,128	499 23	1 34
1,755 females, .....	.....	437,422	249 24	84
199 minors, .....	.....	31,699	158 79	53

CLASSIFICATION OF WAGES IN THE INDUSTRIES THAT  
COMPRISE THE 1896 COMPARATIVE SERIES AND A SEP-  
ARATION OF MALES, FEMALES AND MINORS—Continued.

	Number of establish- ments.	Aggregate wages paid.	Yearly earnings.	Daily earnings.
Hosiery, .....	30	.....	.....	.....
1,501 males, .....	.....	\$758,160	\$505 10	\$1 72
4,454 females, .....	.....	1,290,534	289 52	99
1,401 minors, .....	.....	246,224	175 75	60
Silk, broad goods, thrown silk, yarns, etc., ..	5	.....	.....	.....
780 males, .....	.....	369,975	474 33	1 58
2,309 females, .....	.....	653,559	283 05	94
1,232 minors, .....	.....	187,514	152 21	51
Silk, broad goods and ribbons, .....	2	.....	.....	.....
320 males, .....	.....	172,332	538 54	1 81
1,750 females, .....	.....	515,070	294 33	99
140 minors, .....	.....	23,739	169 57	57
Silk ribbons, .....	3	.....	.....	.....
644 males, .....	.....	317,905	493 64	1 57
429 females, .....	.....	105,191	245 20	87
83 minors, .....	.....	12,245	147 53	52

# PIG IRON PRODUCTION IN PENNSYLVANIA FOR 1905.

Capital invested, .....	\$133,136,135
Production, gross tons, .....	10,570,803
Market or realized value of production, .....	\$162,716,176
Value of basic material (ore, scrap or cinder only) fuel, limestone, management, office help and all other ex- penses not considered, .....	\$81,370,127
Average cost of basic material per ton, .....	\$7 70
Average number of days in operation, .....	330
Average number of working people employed, .....	16,747
(As relative to days in operation).	
Males, .....	16,738
Minors, .....	9
<hr/>	
Aggregate wages paid to these workmen, .....	\$10,502,928
Males, .....	\$10,530,445
Minors, .....	2,483
<hr/>	
Average yearly earnings, .....	\$628 94
Males, .....	\$629 13
Minors, .....	275 90
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Average daily wage, .....	\$1 91
Males, .....	\$1 91
Minors, .....	84
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Cost of labor per ton, .....	\$1 00
Average realized value per ton, .....	\$15 39
Tonnage per man per day, .....	1 91-100
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# COMPARISON OF PIG IRON PRODUCTION FOR THE YEARS 1896 TO 1905 INCLUSIVE.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
GROSS TONS PRODUCED.					
1896, .....	4,026,350	.....	.....	.....	.....
1897, .....	4,617,634	+\$591,284	+14.7	.....	.....
1898, .....	5,367,979	+750,345	+16.2	.....	.....
1899, .....	6,542,998	+1,175,019	+21.9	.....	.....
1900, .....	6,371,688	—171,310	—2.6	.....	.....
1901, .....	7,364,295	+992,607	+15.6	.....	.....
1902, .....	8,111,642	+747,347	+11.5	.....	.....
1903, .....	8,181,652	+70,010	+0.9	.....	.....
1904, .....	7,411,300	—770,352	—9.4	.....	.....
1905, .....	10,570,803	+3,159,503	+42.6	+6,544,453	+162.5
REALIZED VALUE OF PRODUCTION.					
1896, .....	45,172,039	.....	.....	.....	.....
1897, .....	48,884,854	+3,712,815	+8.2	.....	.....
1898, .....	53,331,228	+4,446,374	+9.1	.....	.....
1899, .....	98,203,803	+44,872,575	+44.1	.....	.....
1900, .....	105,449,923	+7,246,120	+7.4	.....	.....
1901, .....	106,883,000	+1,433,077	+1.4	.....	.....
1902, .....	126,857,231	+19,974,231	+18.7	.....	.....
1903, .....	131,775,613	+4,918,382	+3.9	.....	.....
1904, .....	101,830,467	—29,945,146	—22.7	.....	.....
1905, .....	162,716,176	+60,885,709	+59.8	+117,544,137	+260.2
AVERAGE REALIZED VALUE PER TON.					
1896, .....	11 21	.....	.....	.....	.....
1897, .....	10 58	—0.63	—5.6	.....	.....
1898, .....	9 94	—0.64	—6.0	.....	.....
1899, .....	15 01	+5.07	+51.0	.....	.....
1900, .....	16 55	+1.54	+10.3	.....	.....
1901, .....	14 52	—2.03	—12.0	.....	.....
1902, .....	15 64	+1 12	+7.7	.....	.....
1903, .....	16 11	+47	+3.0	.....	.....
1904, .....	13 74	—2.37	—14.7	.....	.....
1905, .....	15 39	+1.65	+14.7	+4.18	+37.3

# COMPARISON OF PIG IRON PRODUCTION FOR THE YEARS 1896 TO 1905 INCLUSIVE—(Continued).

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
AGGREGATE COST OF BASIC MATERIAL.					
1896, .....	\$26,251,420	\$	.....	\$	.....
1897, .....	29,962,533	+3,711,113	+14.1	.....	.....
1898, .....	29,377,657	—584,876	—1.9	.....	.....
1899, .....	38,861,664	+9,484,007	+32.5	.....	.....
1900, .....	51,090,782	+12,229,118	+31.5	.....	.....
1901, .....	53,511,173	+2,420,391	+4.7	.....	.....
1902, .....	61,634,972	+8,123,799	+15.2	.....	.....
1903, .....	63,889,439	+2,254,467	+3.6	.....	.....
1904, .....	54,664,808	—9,224,631	—14.4	.....	.....
1905, .....	81,370,127	+26,705,319	+48.8	+55,118,707	+210.0
AVERAGE NUMBER OF WORKMEN EMPLOYED.					
1896, .....	11,580	.....	.....	.....	.....
1897, .....	11,272	—308	—2.7	.....	.....
1898, .....	11,911	+639	+5.6	.....	.....
1899, .....	15,347	+3,436	+28.8	.....	.....
1900, .....	15,785	+438	+2.8	.....	.....
1901, .....	14,749	—1,036	—6.6	.....	.....
1902, .....	17,101	+2,352	+15.9	.....	.....
1903, .....	16,912	—189	—1.1	.....	.....
1904, .....	14,087	—2,825	—16.7	.....	.....
1905, .....	16,747	+2,660	+18.9	+5,167	+44.6
AVERAGE DAYS OF EMPLOYMENT.					
1896, .....	289	.....	.....	.....	.....
1897, .....	306	+17	+5.9	.....	.....
1898, .....	336	+30	+9.8	.....	.....
1899, .....	327	—9	—2.7	.....	.....
1900, .....	323	—4	—1.2	.....	.....
1901, .....	323	.....	.....	.....	.....
1902, .....	314	—9	—2.8	.....	.....
1903, .....	307	—7	—2.2	.....	.....
1904, .....	284	—23	—7.5	.....	.....
1905, .....	330	+46	+16.2	+41	+14.2
AGGREGATE AMOUNT OF WAGES PAID.					
1896, .....	4,589,165	.....	.....	.....	.....
1897, .....	4,676,970	+87,805	+1.9	.....	.....
1898, .....	5,268,503	+591,533	+12.6	.....	.....
1899, .....	7,599,533	+2,331,030	+44.2	.....	.....
1900, .....	8,500,194	+900,661	+11.8	.....	.....
1901, .....	8,646,479	+146,285	+1.7	.....	.....
1902, .....	10,191,759	+1,545,280	+17.9	.....	.....
1903, .....	10,662,196	+470,437	+4.6	.....	.....
1904, .....	7,909,335	—2,752,861	—25.8	.....	.....
1905, .....	10,532,928	+2,623,593	+33.2	+5,943,763	+129.5

# COMPARISON OF PIG IRON PRODUCTION FOR THE YEARS 1896 TO 1905 INCLUSIVE—Continued.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
AVERAGE YEARLY EARNINGS.					
1896, .....	\$393 30	\$	.....	\$	.....
1897, .....	414 92	+18 62	+4.7	.....	.....
1898, .....	442 32	+27 40	+6.6	.....	.....
1899, .....	495 18	+52 86	+11.9	.....	.....
1900, .....	538 50	+43 32	+8.8	.....	.....
1901, .....	586 24	+47 74	+8.9	.....	.....
1902, .....	595.97	+9 73	+1.7	.....	.....
1903, .....	630 45	+34 48	+5.8	.....	.....
1904, .....	561 46	—68 99	—10.9	.....	.....
1905, .....	628 94	+67 48	+12.0	+232 64	+58.7
AVERAGE DAILY WAGE.		Cents.		Cents.	
1896, .....	\$1 37	.....	.....	.....	.....
1897, .....	1 36	—01	—0.7	.....	.....
1898, .....	1 32	—04	—3.0	.....	.....
1899, .....	1 51	+19	+14.4	.....	.....
1900, .....	1 67	+16	+10.6	.....	.....
1901, .....	1 85	+18	+10.8	.....	.....
1902, .....	1 89	+04	+2.2	.....	.....
1903, .....	2 05	+16	+8.4	.....	.....
1904, .....	1 98	—07	—3.4	.....	.....
1905, .....	1 91	—07	—3.5	+54	+39.4
AVERAGE COST OF LABOR PER TON.		Cents.		Cents.	
1896, .....	\$1 14	.....	.....	.....	.....
1897, .....	1 01	—13	—11.4	.....	.....
1898, .....	98	—03	—2.9	.....	.....
1899, .....	1 16	+18	+18.3	.....	.....
1900, .....	1 33	+17	+14.7	.....	.....
1901, .....	1 17	—16	—12.0	.....	.....
1902, .....	1 25	+08	+6.6	.....	.....
1903, .....	1 33	+08	+6.4	.....	.....
1904, .....	1 07	—26	—19.5	.....	.....
1905, .....	1 00	—07	—6.5	—14	—12.3
AVERAGE COST OF BASIC MATERIAL PER TON.		Cents.			
1896, .....	\$6 52	.....	.....	.....	.....
1897, .....	6 48	—04	—6	.....	.....
1898, .....	5 48	—1 00	—15.4	.....	.....
1899, .....	5 94	+46	+8.4	.....	.....
1900, .....	8 02	+2 08	+35.2	.....	.....
1901, .....	7 27	—75	—9.4	.....	.....
1902, .....	7 60	+33	+4.5	.....	.....
1903, .....	7 81	+21	+2.8	.....	.....
1904, .....	7 38	—43	—5.5	.....	.....
1905, .....	7 70	+32	+4.3	+1 18	+18.1



### PRODUCTION OF PIG IRON, 1905, BY COUNTIES AND RELATIVE PER CENT.

Counties.	Gross tons.	Per cent.
Allegheny, .....	5,409,661	51.176
Mercer, .....	1,114,199	10.540
Cambria, .....	655,169	6.198
Lawrence, .....	651,116	6.160
Dauphin, .....	418,108	3.955
Berks, .....	313,844	2.969
Northampton, .....	283,997	2.687
Lehigh, .....	280,847	2.657
Washington, .....	276,499	2.616
Lebanon, .....	275,987	2.611
Montgomery, .....	267,930	2.534
Bedford, .....	94,147	.891
Fayette, .....	88,347	.836
Centre, .....	79,617	.753
Clearfield, .....	78,624	.744
Westmoreland, .....	70,175	.664
Jefferson, .....	68,719	.650
Armstrong, .....	49,101	.464
Cameron, .....	36,355	.344
Huntingdon, .....	28,632	.270
Carbon, .....	17,746	.168
Perry, .....	11,385	.107
Union, .....	598	.006
	<u>10,570,803</u>	<u>100</u>

### STEEL PRODUCTION FOR 1905, BY MILLS THAT DO NOT ROLL OR FINISH THEIR PRODUCT.

Capital invested, .....	\$8,306,795
Average number of days in operation, .....	298
Average number of working people employed, .....	7,149
Adults, .....	7,123
Minors, .....	26

Aggregate wages paid to these working people, .....	\$4,415,397
Adults, .....	\$4,408,118
Minors, .....	7,279
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Steel ingots and castings, .....	169,859
Bessemer (acid) gross tons, .....	5,234
Open hearth (acid) gross tons, .....	150,796
Open hearth basic gross tons, .....	11,784
Crucible and other processes, gross tons, ..	2,045
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Value of production, .....	\$12,531,139
Average yearly earnings per each employe, .....	\$617 62
Adults, .....	\$618 86
Minors, .....	279 96
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Average daily wage, .....	\$2 07
Adults, .....	\$2 08
Minors, .....	94
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## IRON AND STEEL PRODUCTION FOR 1905.

Mills that make a rolled product.

Capital invested, .....	\$224,015,878
*Total production, gross tons, .....	19,416,707

Classified as follows:

Bessemer steel, .....	4,494,268
Open hearth (acid) steel, .....	778,434
Open hearth (basic) steel, .....	5,323,182
Crucible and other processes, .....	82,951
Muck and scrap bar, .....	4,307
Slabs, blooms, billets, .....	2,334,929
(Tin plate bar, sheet bar, etc.)	
Structural shapes, .....	1,383,103
Rails, .....	1,113 841
Plates and sheets, .....	1,736,859
Other rolled products, .....	2,164,833
(Such as skelp, wire and spike rods, splice bars, hoops, bands, etc.)	

Value of production, .....	\$283,488,400
Average number of working people during the year, ..	72,478
Adults, .....	72,085
Minors, .....	393
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Aggregate wages paid to workmen employed, .....	\$48,193,700
Adults, .....	\$48,088,359
Minors, .....	105,341
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Average number of days in operation, .....	306
Average yearly earnings, .....	\$664 94
Adults, .....	\$667 11
Minors, .....	268 04
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Average daily wage, .....	\$2 17
Adults, .....	\$2 18
Minors, .....	88

\*In giving the total production, part of the tonnage is twice counted. The steel went into rolled product, but, to show the people employed and wages paid it is necessary to give the total tonnage of the mills.

#### PRODUCTION OF STEEL IN PENNSYLVANIA, 1905.

Bessemer, .....	4,494,268
Open hearth (acid) process, .....	778,434
Open hearth (basic) process, .....	5,323,182
Crucible and other processes, .....	82,951
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Total tonnage, .....	10,678,835
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# STEEL PRODUCTION IN 1905 AS COMPARED WITH YEARS AS FOLLOWS:

Years.	Gross Tons.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
BESSEMER.					
1896, .....	2,292,814	.....	.....	.....	.....
1897, .....	2,848,204	+555,390	+24.2	.....	.....
1898, .....	3,357,684	+509,480	+17.9	.....	.....
1899, .....	3,971,835	+614,151	+18.3	.....	.....
1900, .....	3,488,569	—483,266	—12.2	.....	.....
1901, .....	4,319,144	+830,575	+23.8	.....	.....
1902, .....	4,208,354	—110,790	—2.6	.....	.....
1903, .....	3,910,059	—298,295	—7.9	.....	.....
1904, .....	3,465,669	—444,390	—11.4	.....	.....
1905, .....	4,494,268	+1,028,599	+29.7	+2,201,454	+96.0
OPEN HEARTH.					
1896, .....	1,009,608	.....	.....	.....	.....
1897, .....	1,421,373	+411,765	+40.8	.....	.....
1898, .....	1,848,732	+427,359	+30.1	.....	.....
1899, .....	2,398,210	+549,478	+29.7	.....	.....
1900, .....	2,702,968	+304,758	+12.7	.....	.....
1901, .....	3,554,828	+851,860	+31.5	.....	.....
1902, .....	4,220,279	+665,451	+18.7	.....	.....
1903, .....	4,264,410	+44,131	+1.0	.....	.....
1904, .....	4,093,100	—171,310	—4.0	.....	.....
1905, .....	6,101,616	+2,008,516	+49.1	+5,092,008	+504.3
CRUCIBLE AND OTHER PROCESSES.					
1896, .....	43,107	.....	.....	.....	.....
1897, .....	49,245	+6,138	+14.2	.....	.....
1898, .....	69,568	+20,323	+41.2	.....	.....
1899, .....	76,114	+6,546	+9.4	.....	.....
1900, .....	64,500	—11,614	—15.3	.....	.....
1901, .....	85,748	+21,248	+32.9	.....	.....
1902, .....	82,562	—3,186	—3.7	.....	.....
1903, .....	72,908	—9,654	—11.7	.....	.....
1904, .....	55,023	—17,885	—24.5	.....	.....
1905, .....	82,951	+27,928	+50.8	+39,844	+92.4
TOTAL PRODUCTION.					
1896, .....	3,345,529	.....	.....	.....	.....
1897, .....	4,318,622	+973,093	+29.0	.....	.....
1898, .....	5,275,984	+957,362	+22.2	.....	.....
1899, .....	6,446,159	+1,170,175	+22.2	.....	.....
1900, .....	6,256,775	—189,384	—2.9	.....	.....
1901, .....	7,959,720	+1,702,945	+27.2	.....	.....
1902, .....	8,511,195	+551,475	+6.9	.....	.....
1903, .....	8,247,377	—263,818	—3.1	.....	.....
1904, .....	7,613,792	—633,585	—7.7	.....	.....
1905, .....	10,678,835	+3,065,043	+40.3	+7,333,306	+219.2

### PRODUCTION OF STEEL BY COUNTIES IN 1905 AND RELATIVE PER CENT.

Counties.	Gross tons.	Per cent.
Allegheny, .....	6,690,330	62.650
Cambria, .....	946,730	8.866
Lawrence, .....	650,570	6.092
Mercer, .....	637,465	5.970
Dauphin, .....	579,672	5.428
Montgomery, .....	335,356	3.140
Chester, .....	324,322	3.037
Westmoreland, .....	224,487	2.102
Northampton, .....	103,394	.968
Philadelphia, .....	86,106	.806
Mifflin, .....	54,649	.512
Schuylkill, .....	18,411	.172
Beaver, .....	16,824	.158
Lycoming, .....	6,564	.061
Berks, .....	2,617	.025
Washington, .....	1,338	.013
Total tonnage, .....	10,678,835	100

### IRON AND STEEL PRODUCTION ROLLED INTO FINISHED FORM, IN PENNSYLVANIA, 1905, BY MILLS THAT DO NOT HAVE STEEL PLANTS.

Capital invested, .....	\$51,712,315
Total production, gross tons, .....	2,652,306
Classified as follows:	
Muck and scrap bar, .....	106,752
Slabs, blooms, billets, tin plate bars, sheet bars, etc., .....	28,302
Structural shapes, .....	6,606
Cut nails and spikes, .....	34,212
Plates and sheets, .....	279,447
Other rolled products, .....	2,196,987
(Such as wire and spike rods, splice bars, hoops, bands, etc.)	
Value of production, .....	\$101,759,607

Average number of working people during the year, ..	40,817
Adults, .....	39,898
Minors, .....	715
Females, .....	204
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Aggregate wages paid to the working people,.....	\$22,749,928
Adults, .....	\$22,523,691
Minors, .....	165,107
Females, .....	61,130
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Average number of days in operation, .....	282
Average yearly earnings, .....	\$557 36
Adults, .....	\$564 53
Minors, .....	230 92
Females, .....	299 66
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Average daily wage, .....	\$1 98
Adults, .....	\$2 00
Minors, .....	82
Females, .....	1 06
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### COMBINED PRODUCTION OF STEEL PLANTS AND ROLLING MILLS THAT MAKE A ROLLED PRODUCT, 1905.

Total capital invested, .....	\$275,728,193
Total production, gross tons, .....	9,210,060
Classified as follows:	

Rails, .....	1,113,841
Iron and steel structural shapes, .....	1,389,709
*Plates and sheets, including black plate for tinning, .....	2,310,478
Cut nails and spikes, .....	34,212
Other rolled products including billets, sheet bars, tin bars, etc., not further finished by the mills reporting, .....	4,361,820
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Total value of production (not including the tin plate works), .....	\$285,248,007
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\*Includes 294,172 tons of black plate and other sheets made by the tin plate works.



Average number of working people during the year, . . .	113,295
(Exclusive of tin plate works).	
Adults, . . . . .	111,983
Minors, . . . . .	1,108
Females, . . . . .	204
<hr/>	
Aggregate wages paid to these working people, . . . . .	\$70,943,628
Adults, . . . . .	\$70,612,050
Minors, . . . . .	270,448
Females, . . . . .	61,130
<hr/>	
Average number of days in operation, . . . . .	297
Average yearly earnings, . . . . .	\$626 19
Adults, . . . . .	\$630 58
Minors, . . . . .	244 09
Females, . . . . .	299 66
<hr/>	
Average daily wage, . . . . .	\$2 11
Adults, . . . . .	\$2 12
Minors, . . . . .	82
Females, . . . . .	1 01
<hr/>	
Average value per ton, . . . . .	\$30 97
Cost of labor per ton, . . . . .	\$7 70
<hr/>	

# COMPARISON OF ROLLED IRON AND STEEL PRODUCTION IN 1905, TOTALS COMPARED WITH 1896 TO 1905 INCLUSIVE.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.

## CAPITAL INVESTED.

1896, .....	\$123,951,317	\$	.....	\$	.....
1897, .....	129,500,796	+5,549,479	+4.5	.....	.....
1898, .....	134,126,188	+4,625,392	+3.6	.....	.....
1899, .....	144,428,965	+10,302,777	+7.7	.....	.....
1900, .....	184,006,675	+39,577,710	+27.4	.....	.....
1901, .....	232,108,715	+48,102,040	+26.1	.....	.....
1902, .....	247,870,718	+15,762,003	+6.8	.....	.....
1903, .....	262,192,499	+14,321,781	+5.8	.....	.....
1904, .....	293,842,522	+31,650,023	+12.1	.....	.....
1905, .....	275,728,193	—18,114,329	—6.2	+151,776,876	+122.4

## IRON AND STEEL RAILS—(GROSS TONS).

1896, .....	674,651	.....	.....	.....	.....
1897, .....	973,518	+298,867	+44.3	.....	.....
1898, .....	1,069,365	+95,847	+9.8	.....	.....
1899, .....	1,231,979	+162,614	+15.2	.....	.....
1900, .....	1,198,098	—33,881	—2.7	.....	.....
1901, .....	1,406,532	+208,434	+17.4	.....	.....
1902, .....	1,272,222	—134,310	—9.5	.....	.....
1903, .....	1,125,751	—146,471	—11.5	.....	.....
1904, .....	825,434	—300,317	—26.7	.....	.....
1905, .....	1,113,841	+288,407	+34.9	+439,190	+65.1

## PLATES AND SHEETS (GROSS TONS).

1896, .....	630,861	.....	.....	.....	.....
1897, .....	679,133	+48,272	+7.7	.....	.....
1898, .....	899,364	+220,231	+32.4	.....	.....
1899, .....	1,100,303	+200,939	+22.3	.....	.....
1900, .....	1,598,034	+497,731	+45.2	.....	.....
1901, .....	1,590,502	—7,532	—.5	.....	.....
1902, .....	1,808,992	+218,490	+13.1	.....	.....
1903, .....	1,689,824	—119,168	—6.6	.....	.....
1904, .....	1,565,190	—124,634	—7.4	.....	.....
1905, .....	2,310,478	+745,288	+47.6	+1,679,617	+266.2

COMPARISON OF ROLLED IRON AND STEEL PRODUCTION  
IN 1905, TOTALS COMPARED WITH 1896 TO 1905 INCLUSIVE.  
—Continued.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
CUT NAILS AND CUT SPIKES (GROSS TONS).					
1896, .....	28,840	.....	.....	.....	.....
1897, .....	44,165	+15,325	+53.1	.....	.....
1898, .....	30,090	—14,075	—31.9	.....	.....
1899, .....	41,459	+11,369	+37.8	.....	.....
1900, .....	24,289	—17,170	—41.4	.....	.....
1901, .....	37,349	+13,060	+53.3	.....	.....
1902, .....	33,638	—3,711	—9.9	.....	.....
1903, .....	33,509	—129	—4	.....	.....
1904, .....	28,162	—5,347	—15.9	.....	.....
1905, .....	34,212	+6,050	+21.5	+5,372	+18.6
AGGREGATE AMOUNT OF WAGES PAID TO WORKMEN.					
1896, .....	\$23,832,628	\$	.....	\$	.....
1897, .....	24,349,966	+517,338	+2.2	.....	.....
1898, .....	27,879,202	+3,529,236	+14.4	.....	.....
1899, .....	39,120,129	+11,240,927	+40.3	.....	.....
1900, .....	38,999,869	—120,260	—3	.....	.....
1901, .....	53,334,787	+14,334,918	+36.7	.....	.....
1902, .....	60,721,858	+7,387,071	+13.8	.....	.....
1903, .....	64,664,647	+3,942,789	+6.5	.....	.....
1904, .....	55,932,427	—8,732,220	—13.5	.....	.....
1905, .....	70,943,628	+15,011,201	+26.8	+47,111,000	+197.7
AVERAGE NUMBER OF WORK- ING PEOPLE.					
1896, .....	53,573	.....	.....	.....	.....
1897, .....	52,798	—775	—1.4	.....	.....
1898, .....	56,230	+3,432	+6.5	.....	.....
1899, .....	69,982	+13,752	+24.4	.....	.....
1900, .....	67,947	—2,035	—2.9	.....	.....
1901, .....	86,086	+18,139	+26.7	.....	.....
1902, .....	95,720	+9,634	+11.2	.....	.....
1903, .....	99,294	+3,574	+3.7	.....	.....
1904, .....	91,146	—8,148	—8.2	.....	.....
1905, .....	113,295	+22,149	+24.3	+59,722	+111.5
AVERAGE NUMBER OF DAYS IN OPERATION.					
1896, .....	251	.....	.....	.....	.....
1897, .....	269	+18	+7.2	.....	.....
1898, .....	278	+9	+3.3	.....	.....
1899, .....	287	+9	+3.2	.....	.....
1900, .....	272	—15	—5.2	.....	.....
1901, .....	280	+8	+2.9	.....	.....
1902, .....	285	+5	+1.8	.....	.....
1903, .....	290	+5	+1.7	.....	.....
1904, .....	293	+3	+1.0	.....	.....
1905, .....	297	+4	+1.4	+46	+18.3

COMPARISON OF ROLLED IRON AND STEEL PRODUCTION  
IN 1905, TOTALS COMPARED WITH 1896 TO 1905 INCLUSIVE.  
—Continued.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.		
		Amounts.	Percentage.	Amounts.	Percentage.	
AVERAGE YEARLY EARNINGS.						
1896, .....	\$444 89	\$	.....	\$	.....	
1897, .....	461 19	+16 30	+3.6	.....	.....	
1898, .....	495 81	+34 62	+7.5	.....	.....	
1899, .....	559 00	+63 19	+12.7	.....	.....	
1900, .....	573 97	+14 97	+2.7	.....	.....	
1901, .....	619 55	+45 58	+7.9	.....	.....	
1902, .....	634 68	+15 13	+2.4	.....	.....	
1903, .....	651 24	+16 56	+2.6	.....	.....	
1904, .....	613 66	—37 58	—5.8	.....	.....	
1905, .....	626 19	+12 53	+2.0	+181 30	+40.9	
AVERAGE DAILY WAGE.						
		Cents.		Cents.		
1896, .....	\$1 77	.....	.....	.....	.....	
1897, .....	1 71	—06	—3.4	.....	.....	
1898, .....	1 78	+07	+4.1	.....	.....	
1899, .....	1 95	+17	+9 5	.....	.....	
1900, .....	2 11	+16	+8.2	.....	.....	
1901, .....	2 21	+10	+4.7	.....	.....	
1902, .....	2 23	+02	+9	.....	.....	
1903, .....	2 25	+02	+9	.....	.....	
1904, .....	2 09	—16	—7.1	.....	.....	
1905, .....	2 11	+02	+1.0	+34	+19.2	
AVERAGE COST OF LABOR PER TON.						
		Cents.				
1896, .....	\$6 34	.....	.....	.....	.....	
1897, .....	5 16	—1 18	—18.6	.....	.....	
1898, .....	5 03	—13	—2.5	.....	.....	
1899, .....	6 65	+62	+12.3	.....	.....	
1900, .....	6 26	—39	—5.9	.....	.....	
1901, .....	6 15	—11	—2.0	.....	.....	
1902, .....	6 60	+45	+7.3	.....	.....	
1903, .....	7 97	+1 37	+20.8	.....	.....	
1904, .....	7 19	—78	—9.8	.....	.....	
1905, .....	7 70	+51	+7.1	+1 36	+21.4	

# PRODUCTION OF ROLLED IRON AND STEEL IN 1905 BY COUNTIES WITH RELATIVE PER CENT.

Counties.	Iron and steel ton- nage plants that make steel and rolled product.	Iron and steel ton- nage plants that do not make steel.	Black plate tonnage. Black plate works.	Total pro- duction. Gross tons.	Per cent.
Allegheny, .....	5,216,935	1,023,406	70,757	6,311,098	54.665
Cambria, .....	669,992	.....	.....	669,992	5.804
Mercer, .....	530,274	73,745	15,498	619,517	5.306
Dauphin, .....	497,152	16,558	7,228	520,938	4.512
Lawrence, .....	480,873	14,560	97,321	592,754	5.134
Montgomery, .....	304,307	153,635	.....	457,942	3.967
Washington, .....	248,828	153,546	30,288	432,662	3.748
Chester, .....	248,084	187,365	.....	435,449	3.772
Westmoreland, .....	231,960	137,324	66,507	435,791	3.775
Berks, .....	7,986	217,516	.....	225,532	1.953
Mifflin, .....	79,421	18,816	.....	98,237	.851
Philadelphia, .....	63,536	28,262	.....	91,798	.795
Northampton, .....	55,779	3,370	.....	59,149	.512
Armstrong, .....	32,997	.....	.....	32,997	.286
Schuylkill, .....	26,649	4,836	.....	31,485	.273
Lycoming, .....	12,898	6,531	.....	19,429	.168
Blair, .....	1,393	13,647	.....	15,040	.130
Beaver, .....	13,098	.....	.....	13,098	.113
Indiana, .....	11,403	.....	.....	11,403	.099
Lebanon, .....	.....	109,889	.....	109,889	.952
Lehigh, .....	.....	96,579	.....	96,579	.837
Montour, .....	.....	75,473	.....	75,473	.654
Lancaster, .....	.....	46,669	.....	46,669	.404
Columbia, .....	.....	32,000	.....	32,000	.277
Northumberland, .....	.....	31,436	.....	31,436	.272
Fayette, .....	.....	15,513	5,510	21,023	.182
Lackawanna, .....	.....	17,630	.....	17,630	.153
Perry, .....	.....	15,936	.....	15,936	.138
Clearfield, .....	.....	11,976	.....	11,976	.104
York, .....	.....	7,261	.....	7,261	.063
Venango, .....	.....	2,040	.....	2,040	.018
Luzerne, .....	.....	1,446	.....	1,446	.013
Greene, .....	.....	.....	1,063	1,063	.010
Centre, .....	.....	257	.....	257	.....
<b>Totals, .....</b>	<b>8,733,565</b>	<b>2,517,252</b>	<b>294,172</b>	<b>11,544,989</b>	<b>100</b>

## TIN PLATE—BLACK PLATE WORKS.

## Production of tin plate in Pennsylvania, 1905.

Number of plants in operation, .....	19
Total number of hot mills, .....	170
Total number of cold mills, .....	162
Total number of tin and terne sets, .....	293
Daily capacity of black plate (pounds), .....	3,376,000
Daily capacity of tin and terne plate (pounds), .....	3,176,680
Capital invested (realty, machinery, business, etc.), ...	\$8,734,180
Average number of days in operation, .....	269
(A plant considered in operation when one or more hot mills worked.)	
Average number of working people employed, .....	8,280
Males, .....	7,967
Females, .....	258
Minors (females), .....	1
Minors (males), .....	54
<hr/>	
Aggregate amount of wages paid, .....	\$5,269,152
Males, .....	\$5,166,395
Females, .....	90,186
Minors, (females), .....	210
Minors (males), .....	12,361
<hr/>	
Average yearly earnings, .....	\$636 37
Males, .....	\$648 47
Females, .....	349 56
Minors (females), .....	210 00
Minors (males), .....	228 91
<hr/>	
Average daily wage, .....	\$2 36
Males, .....	\$2 41
Females, .....	1 30
Minors (females), .....	78
Minors (males), .....	85
<hr/>	
Production of black plate for tinning (pounds), .....	599,281,700



Production of black plate for tinning, but not tinned (pounds), .....	28,838,659
Production of tin plate (pounds), .....	537,818,623
Production of terne plate (pounds), .....	32,624,418
Production of sheets and plates other than black plate for tinning (pounds), .....	59,763,601
Market value of tinned production, .....	\$18,075,577
Market value of terned production, .....	\$1,155,495
Market value of black plate, but not tinned, .....	\$735,536
Market value of sheets and plates other than black plate, .....	\$1,454,828
Total value of entire production of tinned and untinned, .....	\$19,966,608
Average value per hundred pounds of tinned and terned production, .....	\$3 37
Average value per ton of 2,000 pounds of black plate not tinned, .....	\$48 68

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TIN PLATE.

Black Plate Works, Comparison of Totals for the Years 1896 to 1905 Inclusive in the same Establthments.

Years.	Number of es- tablish- ments in operation.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1905 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.

CAPITAL INVESTED.

1896, .....	13	\$3,627,275	\$	.....	\$	.....
1897, .....	15	5,017,127	+1,389,852	+38.3	.....	.....
1898, ....	18	7,903,000	+2,885,873	+57.5	.....	.....
1899, .....	21	8,150,000	+247,000	+3.1	.....	.....
1900, .....	17	9,771,888	+1,621,888	+19.9	.....	.....
1901, .....	22	10,525,000	+753,112	+7.8	.....	.....
1902, .....	22	10,858,403	+333,403	+3.2	.....	.....
1903, .....	16	7,942,754	—2,915,649	—26.8	.....	.....
1904, .....	17	8,400,298	+457,544	+5.8	.....	.....
1905, .....	19	8,734,180	+333,882	+4.0	+5,106,905	+140.8

POUNDS OF BLACK  
PLATE PRODUCED  
AND TINNED.

1896, .....	13	97,814,762	.....	.....	.....	.....
1897, .....	15	179,705,766	+81,891,004	+83.7	.....	.....
1898, .....	18	222,528,000	+42,822,234	+23.8	.....	.....
1899, .....	21	292,164,734	+69,636,734	+31.3	.....	.....
1900, .....	17	264,306,000	—27,858,734	—9.5	.....	.....
1901, .....	22	377,430,000	+113,124,000	+42.8	.....	.....
1902, .....	22	352,544,992	—24,885,008	—6.6	.....	.....
1903, .....	16	517,015,081	+164,470,089	+46.6	.....	.....
1904, .....	17	515,162,946	—1,852,135	— .3	.....	.....
1905, .....	19	599,281,700	+84,118,754	+16.3	+501,466,938	+512.7

POUNDS OF BLACK  
PLATE PRODUCED  
AND NOT TINNED.

1896, .....	13	60,491,728	.....	.....	.....	.....
1897, .....	15	74,451,835	+13,960,107	+23.1	.....	.....
1898, .....	18	121,536,000	+47,084,165	+63.2	.....	.....
1899, .....	21	76,436,000	—45,100,000	—37.1	.....	.....
1900, .....	17	47,696,000	—28,740,000	—37.6	.....	.....
1901, .....	22	58,198,000	+10,502,000	+22.3	.....	.....
1902, .....	22	75,898,600	+17,700,600	+30.4	.....	.....
1903, .....	16	60,218,231	—15,680,369	—20.8	.....	.....
1904, .....	17	41,811,316	—18,406,915	—20.6	.....	.....
1905, .....	19	28,838,659	—12,972,657	—31.0	—31,653,069	—52.3

## TIN PLATE—Continued.

## Black Plate Works, Comparison of Totals for the Years 1896 to 1905 Inclusive.

Years.	Number of es- tablish- ments in operation.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1905 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.

TOTAL PRODUCTION OF  
BLACK PLATE IN  
POUNDS TINNED AND  
UNTINNED.

1896, .....	13	\$158,306,490	\$	.....	\$	.....
1897, .....	15	254,157,601	+95,851,111	+60.5	.....	.....
1898, .....	18	344,064,000	+89,906,899	+35.4	.....	.....
1899, .....	21	368,600,734	+24,536,734	+7.1	.....	.....
1900, .....	17	312,002,000	—56,598,734	—15.4	.....	.....
1901, .....	22	435,628,000	+123,626,000	+39.6	.....	.....
1902, .....	22	428,443,592	—7,184,408	—1.6	.....	.....
1903, .....	16	577,233,312	+148,789,720	+34.7	.....	.....
1904, .....	17	556,974,262	—20,259,050	—3.5	.....	.....
1905, .....	19	628,120,359	+71,146,097	+12.8	+469,813,869	+296.8

MARKET VALUE OF TIN  
AND TERNE PLATE.

1896, .....	13	3,157,699	.....	.....	.....	.....
1897, .....	15	5,180,624	+2,022,925	+64.0	.....	.....
1898, .....	18	6,697,921	+1,517,297	+29.5	.....	.....
1899, .....	21	10,249,841	+3,551,920	+53.0	.....	.....
1900, .....	17	10,936,510	+686,669	+6.7	.....	.....
1901, .....	22	15,084,852	+4,148,342	+37.9	.....	.....
1902, .....	22	13,902,295	—1,182,557	—7.8	.....	.....
1903, .....	16	18,790,562	+4,888,267	+35.2	.....	.....
1904, .....	17	17,463,370	—1,327,192	—7.1	.....	.....
1905, .....	19	19,231,072	+1,767,702	+7.6	+16,073,373	+509.0

MARKET VALUE OF  
BLACK PLATE NOT  
TINNED.

1896, .....	13	1,480,112	.....	.....	.....	.....
1897, .....	15	1,657,297	+177,185	+11.9	.....	.....
1898, .....	18	2,646,314	+689,017	+59.7	.....	.....
1899, .....	21	1,902,691	—743,623	—28.1	.....	.....
1900, .....	17	1,654,387	—248,304	—13.0	.....	.....
1901, .....	22	1,940,486	+286,099	+17.3	.....	.....
1902, .....	22	2,214,460	+273,986	+14.1	.....	.....
1903, .....	16	1,582,741	—631,719	—28.5	.....	.....
1904, .....	17	1,040,988	—541,753	—34.2	.....	.....
1905, .....	19	735,536	—305,452	—29.3	—744,576	—50.3

## TIN PLATE—Continued.

Black Plate Works, Comparison of Totals for the Years 1896 to 1905 Inclusive.

Years.	Number of establishments in operation.	Totals.	Increase (+) or decrease (−) as compared with preceding year.		Increase (+) or decrease (−) 1905 as compared with 1896.	
			Amounts.	Percentage.	Amounts.	Percentage.

MARKET VALUE OF PRODUCTION—BLACK PLATE TINNED AND UNTINNED.

1896, .....	13	\$4,637,811*	\$	.....	\$	.....
1897, .....	15	6,837,921	+2,200,110	+47.4	.....	.....
1898, .....	18	9,344,235	+2,506,314	+36.6	.....	.....
1899, .....	21	12,152,532	+2,808,297	+30.1	.....	.....
1900, .....	17	12,590,897	+438,365	+3.6	.....	.....
1901, .....	22	17,025,338	+4,434,441	+35.2	.....	.....
1902, .....	22	16,116,755	−908,583	−5.3	.....	.....
1903, .....	16	20,373,303	+4,256,548	+26.4	.....	.....
1904, .....	17	18,504,353	−1,868,945	−9.2	.....	.....
1905, .....	19	19,966,608	+1,462,250	+7.9	+15,328,797	+330.5

MARKET VALUE PER 100 POUNDS OF TIN AND TERNE PLATE.

			Cents.		Cents.	
1896, .....	13	\$3 23	.....	.....	.....	.....
1897, .....	15	2 88	−35	−10.9	.....	.....
1898, .....	18	3 01	+13	+4.5	.....	.....
1899, .....	21	3 51	+50	+16.6	.....	.....
1900, .....	17	4 14	+63	+17.9	.....	.....
1901, .....	22	4 00	−14	−3.4	.....	.....
1902, .....	22	3 94	−06	−1.5	.....	.....
1903, .....	16	3 63	−31	−7.9	.....	.....
1904, .....	17	3 39	−24	−6.6	.....	.....
1905, .....	19	3 37	−02	−0.6	+14	+4.3

MARKET VALUE PER TON OF 2,000 POUNDS OF BLACK PLATE NOT TINNED.

1896, .....	13	\$48 93	\$	.....	\$	.....
1897, .....	15	44 51	−4 42	−9.0	.....	.....
1898, .....	18	43 83	−68	−1.5	.....	.....
1899, .....	21	49 79	+5.96	+13.6	.....	.....
1900, .....	17	69 37	+19 58	+39.3	.....	.....
1901, .....	22	66 69	−2 68	−3.9	.....	.....
1902, .....	22	58 35	−8 34	−12.5	.....	.....
1903, .....	16	52 56	−5 79	−9.9	.....	.....
1904, .....	17	49 80	−2 76	−5.2	.....	.....
1905, .....	19	48 68	−1.12	−2.2	−25	−0.5

## TIN PLATE—Continued.

Black Plate Works, Comparison of Totals for the Years 1896 to 1905 Inclusive.

Years	Number of establishments in operation.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.		
			Amounts.	Percentage.	Amounts.	Percentage.	
AVERAGE NUMBER OF DAYS IN OPERATION.							
1896, .....	13	250	.....	.....	.....	.....	
1897, .....	15	281	+31	+12.4	.....	.....	
1898, .....	18	273	—3	—1.0	.....	.....	
1899, .....	21	223	—55	—19.8	.....	.....	
1900, .....	17	199	—24	—10.1	.....	.....	
1901, .....	22	228	+29	+14.6	.....	.....	
1902, .....	22	198	—30	—13.1	.....	.....	
1903, .....	16	279	+81	+40.9	.....	.....	
1904, .....	17	255	—24	—8.6	.....	.....	
1905, .....	19	269	+14	+5.5	+19	+7.6	
AVERAGE NUMBER OF PEOPLE EMPLOYED.							
1896, .....	13	3,194	.....	.....	.....	.....	
1897, .....	15	3,920	+726	+22.7	.....	.....	
1898, .....	18	5,036	+1,116	+28.5	.....	.....	
1899, .....	21	7,682	+2,646	+52.5	.....	.....	
1900, .....	17	7,394	—288	—3.7	.....	.....	
1901, .....	22	8,188	+794	+10.8	.....	.....	
1902, .....	22	8,905	+717	+8.8	.....	.....	
1903, .....	16	8,261	—644	—7.2	.....	.....	
1904, .....	17	8,397	+136	+1.6	.....	.....	
1905, .....	19	8,280	—117	—1.4	+5,086	+159.2	
AGGREGATE AMOUNT OF WAGES PAID.							
1896, .....	13	\$1,437,226	\$	.....	\$	.....	
1897, .....	15	2,227,217	+789,991	+54.9	.....	.....	
1898, .....	18	2,943,954	+716,737	+32.2	.....	.....	
1899, .....	21	4,054,395	+1,110,441	+37.7	.....	.....	
1900, .....	17	3,526,934	—527,461	—13.0	.....	.....	
1901, .....	22	4,593,561	+1,066,627	+30.2	.....	.....	
1902, .....	22	4,506,105	—87,456	—1.9	.....	.....	
1903, .....	16	5,688,188	+1,182,083	+26.2	.....	.....	
1904, .....	17	5,135,828	—552,360	—9.7	.....	.....	
1905, .....	19	5,269,152	+133,324	+2.6	+3,831,926	+266.6	

## TIN PLATE—Continued.

Black Plate Works, Comparison of Totals for the Years 1896 to 1905,  
Inclusive.

Years	Number of es- tablish- ments in operation.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1905 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.

AVERAGE YEARLY  
EARNINGS.

1896, .....	13	\$456 55	\$	.....	\$	.....
1897, .....	15	568 17	+111 62	+24.4	.....	.....
1898, .....	18	584 58	+16 41	+2.9	.....	.....
1899, .....	21	527 78	—56 80	—9.7	.....	.....
1900, .....	17	477 00	—50 78	—9.6	.....	.....
1901, .....	22	561 01	+84.01	+17.6	.....	.....
1902, .....	22	506 02	—4.99	—9.8	.....	.....
1903, .....	16	688 56	+182 54	+36.1	.....	.....
1904, .....	17	611 63	—76 93	—11.2	.....	.....
1905, .....	19	636 37	+24.74	+4.0	+179 82	+39.4

AVERAGE DAILY  
WAGE.

			Cents.		Cents.	
1896, .....	13	\$1 80	.....	.....	.....	.....
1897, .....	15	2 02	+22	+12.2	.....	.....
1898, .....	18	2 10	+08	+4.0	.....	.....
1899, .....	21	2 36	+26	+12.4	.....	.....
1900, .....	17	2 40	+04	+1.7	.....	.....
1901, .....	22	2 46	+06	+2.5	.....	.....
1902, .....	22	2 55	+09	+3.7	.....	.....
1903, .....	16	2 47	—08	—3.1	.....	.....
1904, .....	17	2 40	—07	—2.8	.....	.....
1905, .....	19	2 36	—04	—2.2	+56	+31.1



# PRODUCTION OF TIN PLATE, 1905—DIPPING WORKS.

The Dipping Works buy all their Black Plate.

Number of plants in operation, .....	3
Number of tinning sets, .....	37
Daily capacity in pounds, .....	244,000
Capital invested, .....	\$1,309,080
Average number of days in operation, .....	288
Average number of people employed, .....	247
Males, .....	204
Females, .....	43
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Aggregate amount of wages paid, .....	\$126,912
Males, .....	\$114,181
Females, .....	12,731
<hr/>	
Average yearly earnings of persons employed, .....	\$517 86
Males, .....	\$559 75
Females, .....	296 07
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Average daily wage, .....	\$1 80
Males, .....	\$1 94
Females, .....	1 03
<hr/>	
Total production tin plate (pounds), .....	7,840,630
Total production terne plate (pounds), .....	25,228,320
Market value of tin plate, .....	\$463,456
Market value of terne plate, .....	\$1,097,126
Average value of tin and terne plate net ton, .....	\$94 40
Average value for one hundred pounds of tin and terne, .....	\$4 72

## COMBINED PRODUCTION OF TIN AND TERNE PLATE BY THE BLACK PLATE WORKS AND THE DIPPING WORKS, 1905.

Total production of tin and terne plate (pounds), ....	603,511,991
Total value, .....	\$20,791,654
Average value per one hundred pounds, .....	\$3 44

COMBINED PRODUCTION OF TIN AND TERNE PLATE BY  
THE BLACK PLATE WORKS AND DIPPING WORKS IN 1905  
AS COMPARED WITH 1896 TO 1904 INCLUSIVE.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1905 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
TOTAL NUMBER OF POUNDS OF TIN AND TERNE PLATE.					
1896, .....	139,588,703	.....	.....	.....	.....
1897, .....	225,641,766	+86,053,063	+61.6	.....	.....
1898, .....	262,934,000	+37,292,234	+16.5	.....	.....
1899, .....	331,082,734	+68,148,734	+25.9	.....	.....
1900, .....	297,854,000	—33,228,734	—10.0	.....	.....
1901, .....	421,640,000	+123,786,000	+41.6	.....	.....
1902, .....	396,795,388	—24,844,612	—5.9	.....	.....
1903, .....	554,233,702	+157,438,314	+39.7	.....	.....
1904, .....	542,474,201	—11,759,501	—2.1	.....	.....
1905, .....	603,511,991	+61,037,790	+11.3	+463,923,288	+332.4
TOTAL VALUE OF PRODUCTION.					
1896, .....	\$5,045,097	\$	.....	\$	.....
1897, .....	6,997,041	+1,951,944	+38.7	.....	.....
1898, .....	8,445,097	+1,448,056	+20.7	.....	.....
1899, .....	12,165,879	+3,720,782	+44.1	.....	.....
1900, .....	13,044,487	+878,608	+7.2	.....	.....
1901, .....	17,612,030	+4,567,543	+35.0	.....	.....
1902, .....	16,176,847	—1,435,183	—8.1	.....	.....
1903, .....	20,720,929	+4,544,082	+28.1	.....	.....
1904, .....	18,874,524	—1,846,405	—9.0	.....	.....
1905, .....	20,791,654	+1,917,130	+10.2	+15,746,557	+312.1
AVERAGE VALUE PER ONE HUN- DRED POUNDS.					
1896, .....	3 61	.....	.....	.....	.....
1897, .....	3 10	—51	—14.1	.....	.....
1898, .....	3 21	+11	+3.5	.....	.....
1899, .....	3 67	+46	+14.3	.....	.....
1900, .....	4 38	+71	+19.3	.....	.....
1901, .....	4 18	—20	—4.7	.....	.....
1902, .....	4 08	—10	—2.4	.....	.....
1903, .....	3 74	—34	—8.3	.....	.....
1904, .....	3 48	—26	—7.0	.....	.....
1905, .....	3 44	—04	—1.1	—17	—4.7

## ANTHRACITE COAL.

Statistics of Anthracite Mines for the Year 1905.—The Tonnage,  
Value, Wages Paid, People Employed, Etc.

Total tonnage of coal mined and sold (gross tons), . . . .	61,634,226
Market or realized value of production on board cars, \$	143,048,605
Average number of days in operation, breaker time, . .	232
Average number of people employed, . . . . .	167,466
Miners, . . . . .	40,186
Miners' laborers, . . . . .	32,692
Other inside workmen over 16 years of age, . . . . .	39,360
Other inside workmen under 16 years of age, . . . . .	484
Other outside workmen over 16 years of age, . . . . .	30,396
Employes in breaker, . . . . .	24,348
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Aggregate wages paid to all employes, . . . . .	\$87,178,257
Miners (less powder and other supplies), \$	27,742,023
Miners' laborers, . . . . .	14,965,031
Other inside workmen over 16 years of age, . . . . .	20,878,801
Other inside workmen under 16 years of age, . . . . .	120,214
Outside workmen, . . . . .	16,493,159
Employes in breaker, . . . . .	6,979,029
<hr/>	
Average yearly earnings, . . . . .	\$520 57
Miners, . . . . .	\$690 34
Miners' laborers, . . . . .	457 76
Other inside workmen over 16 years of age, . . . . .	530 46
Other inside workmen under 16 years of age, . . . . .	248.38
Outside workmen, . . . . .	542.61
Employes in breaker, . . . . .	286.64
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Average daily wage, . . . . .	\$2 24
Miners, . . . . .	\$2 97
Miners' laborers, . . . . .	1 97
Other inside workmen over 16 years of age, . . . . .	2 29

Other inside workmen under 16 years of	
age, .....	1 07
Outside workmen, .....	2 34
Employes in breaker, .....	1 24

*Average number of tons of coal mined, by each miner	
per year, .....	1,533 72-100
Average number of tons of coal mined by each miner	
per day, .....	6 61-100
Average value per ton f. o. b. without regard to sizes,..	\$2 32

### ANTHRACITE WASHERIES.

#### Washery Coal.

‡Number of washeries reporting, .....	53
Total tonnage of coal washed, .....	2,904,900
Market or realized value of product, .....	\$1,818,062
Number of persons employed, .....	1,490
Aggregate amount of wages paid, .....	\$574,329
Average yearly earnings, .....	\$397

### COAL DREDGED FROM THE SUSQUEHANNA AND SCHUYLKILL RIVERS.

Number of plants for dredging on the Susquehanna, ..	26
Number of plants for dredging on the Schuylkill, .....	22
Number of steam flat boats used, .....	5
Number of scows used, .....	52
Number of suction pumps used, .....	24
Number of shovels used, .....	2
Number of elevator scoops used, .....	15
Number of buckets used, .....	8
Capital invested, .....	\$58,486
Average days worked, .....	200

\*Almost every miner employs a laborer and it is the duty of the miner to cut the coal and the laborer to load it in the cars.

‡A number of washeries that washed coal are not shown in the above as they have been included in the report for the collieries.

Number of men engaged in the business, .....	174	
On the Susquehanna, .....	114	
On the Schuylkill, .....	60	
Amount of wages earned, .....		\$33,320
Along the Susquehanna, .....	\$25,301	
Along the Schuylkill, .....	\$8,019	
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Tons of coal secured and sold, .....		84,924
From the Susquehanna, .....	53,348	
From the Schuylkill, .....	31,576	
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Value of coal taken from river bottom, .....		\$73,849
Susquehanna, .....	\$43,799	
Schuylkill, .....	\$30,050	
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# COMPARISON OF ANTHRACITE COAL MINING AS SUMMARIZED IN 1903, 1904 AND 1905.

Years.	Totals.	Increase (+) or decrease (—) as compared with the preceding year.		Increase (+) or decrease (—) 1905 as compared with 1903.	
		Amounts.	Per-centage.	Amounts.	Per-centage.
TONNAGE MINED AND SOLD.					
1903, .....	64,595,664	.....	.....	.....	.....
1904, .....	58,057,447	—6,538,197	—10.1	.....	.....
1905, .....	61,634,226	+3,576,779	+6.1	—2,961,438	—4.6
MARKET VALUE OF PRODUCTION.					
1903, .....	\$151,277,587	\$	.....	\$	.....
1904, .....	140,370,498	—10,907,089	—7.2	.....	.....
1905, .....	143,048,605	+2,678,107	+1.9	—8,228,982	—5.4
AVERAGE NUMBER OF PEOPLE EMPLOYED.					
1903, .....	157,955	.....	.....	.....	.....
1904, .....	160,579	+2,624	+1.7	.....	.....
1905, .....	167,466	+6,887	+4.3	+9,511	+6.0
AGGREGATE WAGES PAID.					
1903, .....	\$77,624,281	\$	.....	.....	.....
1904, .....	92,217,814	+14,593,533	+18.8	.....	.....
1905, .....	87,178,257	—5,039,557	—5.5	+9,553,976	+12.3
AVERAGE YEARLY EARNINGS.					
1903, .....	491 43	.....	.....	.....	.....
1904, .....	574 28	+82 85	+16.8	.....	.....
1905, .....	520 57	—53 71	—9.4	+29 14	+5.9
AVERAGE DAILY WAGE.					
		Cts.		Cts.	
1903, .....	\$2 07	.....	.....	.....	.....
1904, .....	2 48	+41	+19.8	.....	.....
1905, .....	2 24	—24	—10.0	+17	+8.2
AVERAGE DAYS OF EMPLOYMENT.					
1903, .....	2 37	.....	.....	.....	.....
1904, .....	2 31	—6	—2.5	.....	.....
1905, .....	2 32	+1	+4	—5	—2.1



## \*ANTHRACITE COAL.

The following shows the counties in which Anthracite is mined, together with the number of collieries, the number of tons mined in each county and relative per cent.

Counties.	Number of collieries.	Gross tons.	Per cent.
Luzerne, .....	96	23,657,100	38.38
Lackawanna, .....	81	14,677,632	23.81
Schuylkill, .....	70	13,757,965	22.32
Northumberland, .....	24	4,492,453	7.29
Carbon, .....	11	2,255,609	3.66
Columbia, .....	3	1,020,506	1.66
Dauphin, .....	2	653,569	1.06
Susquehanna, .....	2	572,688	.93
Wayne, .....	1	319,054	.52
Sullivan, .....	1	227,650	.37
Totals, .....	291	61,634,226	100

\*Does not include washed coal.

## ANTHRACITE LABOR.

Total number of companies, .....	140
Number of companies reporting, .....	116
Number of companies out of business, .....	4
Number of companies not in operation, .....	3
Number of companies not reporting, .....	17
Number of employes who own their own homes, .....	5,401
Average rent paid per annum, .....	\$78
Highest rent per annum given, .....	\$144
Lowest rent per annum given, .....	\$39
Average working hours per week, .....	53
3 establishments work per week (hours), .....	60
1 establishment worked per week (hours), .....	56
90 companies work per week (hours), .....	54
1 company worked per week (hours), .....	53
1 company worked per week (hours), .....	51
2 companies worked per week (hours), .....	50
1 company worked per week (hours), .....	48
1 company worked per week (hours), .....	47
1 company worked per week (hours), .....	35
1 company worked per week (hours), .....	30
Nationality of employes reported, total number, .....	92,485

Nationalities and number of each as follows:

Americans, .....	25,905
English, .....	2,497
Germans, .....	3,896
Irish, .....	6,351
Scotch, .....	289
Italians, .....	3,975
Hungarians, .....	5,546
Slavonians, .....	5,669
Polanders, .....	14,206
Russians, .....	1,187
Welsh, .....	2,397
Swedes, .....	77
Austrians, .....	1,676
French, .....	48
Jews, .....	1
Lithuanians, .....	7,166
Tyrolians, .....	590
Greeks, .....	537
Danes, .....	6

Prussians, .....	137
Syrians, .....	12
Bohemians, .....	12
Belgians, .....	1
Spaniards, .....	2
Australians, .....	1
Magyars, .....	586
Swiss, .....	2
Arabians, .....	44
Assyrians, .....	14
Negroes, .....	1
Mixed nationalities, .....	9.654

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#### CAUSES ASSIGNED FOR DAYS LOST IN ANTHRACITE MINING DURING 1905.

33 companies report that they were not idle at any time during the year.

No. 8 reports "Idle 115 days, break-down, weather, floods, shortage of cars, holidays and shortage of men."

No. 9 reports "Idle 113 days, accidents to machinery, holidays, shortage of cars, etc."

No. 14 reports "Idle during entire months of August and September, repairs."

No. 15 reports "Idle by reason of car shortage and holidays."

No. 24 reports "Idle two months for repairs."

No. 21 reports "Idle 6 holidays, restriction 14 days, repairs 3 days, short of cars 11 days, accidents to machinery 3 days, fund excursion day, labor day, Mitchell day, celebration of eight-hour day, victory day, firemen's day, men off work December 26th, total 44 days."

No. 23 reports "Idle 2½ months sinking shaft."

No. 25 reports "Idle usual holidays."

No. 32 reports "Idle 16 days car shortage, 5 days holidays, accidents to machinery 12 days, total 33 days."

No. 33 reports "Idle 39 days short of coal, 36 days short of orders, 8 days short of cars, 6 days short of miners, 15 days repairs, 6 holidays, total 110 days."

No. 34 reports "Idle legal and church holidays, and several days, accidents to machinery and short of cars."

No. 36 reports "Idle only a day or two now and then."

No. 38 reports "Idle, lack of transportation, Hungarian and Polish holidays."

No. 44 reports "Idle 57 days for different causes."

No. 45 reports "Idle 34 days, 9 days heavy water in mine, trains delayed by storm 3 days, miners' holidays, etc."

No. 50 reports "Idle 5 legal holidays, break-downs 2 days, no cars 29 days, funerals, picnics and church holidays 22 days, total 58 days."

No. 51 reports "Idle 12 days no cars, 13 holidays, and John Mitchell 3 days, total 28 days."

No. 54 reports "Idle 22 days, short of cars."

No. 55 reports "Idle 15 days, suspension; 4 days no railroad cars; 4 days breakdown, lack of fresh water and John Mitchell celebration, 2 days; church days and funerals, 11 days, total 36 days."

No. 56 reports "Idle 20 days, by reason of trade conditions and holidays."

No. 63 reports "Idle about 3 months from fire, injuring pumps and flooding colliery."

No. 66 reports "Idle 12 days in January by drownedout, 7 days in December repairing breaker, total 19 days."

No. 68 reports "Idle 51 days, holidays, funerals, accidents to machinery, lack of cars, etc."

No. 74 reports "Our miners were idle 22 days on account of suspensions, holy days and holidays."

No. 78 reports "Idle 49 days, holidays, funerals, shortage of cars, break-downs and high water."

No. 81 reports "Idle, no orders, Mitchell holiday, miners' convention and circus, 3 days men failing to report for work, accidents to machinery, and break in mines. 13 days."

No. 84 reports "A part of our mine was idle during 1905 on account of mine fire."

No. 87 reports "Idle 62 days, no railroad cars."

No. 88 reports "Idle 4 months, breaker destroyed by fire."

No. 91 reports "Idle holidays and funerals."

No. 94 reports "We closed out our works at end of February, 1905, removed all buildings and machinery rented from P. & R. C. & I. Co."

No. 95 reports "Idle, breakdown, holidays, funerals and shortage of cars."

No. 98 reports "Idle 118 days on account of water."

No. 100 reports "Idle, extreme cold weather 3 days, repairs 6 days, no cars 12 days, holidays and holy days 6 days, total 27 days. This colliery is now abandoned."

No. 101 reports "Idle April 1st to 15th, repairing breaker; August 24th breaker burned down."

No. 105 reports "Idle two weeks, repairs."

No. 111 reports "Idle May 17th to October 1st, 1905, sinking slope and driving tunnels."

No. 117 reports "We only mine custom coal; we do not sell it as fast as we mine it, thus we are idle until we sell our stock."

No. 122 reports "Idle 5 months."

No. 121 reports "We are idle from time to time; it is difficult to induce dealers to stock this coal during the summer and we have to depend upon coal consuming weather for our business."

No. 123 reports "Idle on several occasions, car shortage, breakdowns to machinery."

No. 129 reports "Idle, shut down from June 10th to September 15th; no retail demand for coal"

No. 130-A reports "Pine Brook breaker burned April 26th, 1904, resumed operations March 1st, 1905, about 11 months."

No. 130-C reports "Idle July 27th to September 21st, 1905, repairing shaft."

No. 130-F reports "Idle six weeks for general repairs."

No. 130-H reports "Idle September 16 to October 1st, 1905, repairs to breaker."

No. 130-I reports "Idle May 1st to December 31st, 1905, mine abandoned."

No. 133 reports "This mine is a new opening, completed breaker towards close of 1904 and worked irregularly during the year."

No. 135 reports "Idle 1 month, replacing boiler and making repairs."

No. 140 reports "Idle six weeks making repairs."

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### STRIKES AND LOCKOUTS—ANTHRACITE COAL.

Nine companies report "strikes."

No. 11 Number of days lost by strike, 11.

Not arbitrated.

Date beginning strike, December 7, 1905.

Date ending strike, December 18, 1905.

Questions involved in dispute, "Question of wages," "Returned to work under same conditions existing before strike."

No. 18 Number of days lost by strike, 23.

Number of men affected by strike, 145.

Number of miners affected by strike, 14.

Date beginning strike, August 11, 1905.

Date ending strike, September 7, 1905.

Questions involved in dispute, "Discharge of two miners loading excess dirt with coal."

No. 23 Number of days lost by strike, 8.

Strike unsuccessful.

Not arbitrated.



Questions involved in dispute, "Time of quitting work by drivers."

No. 39 Number of days lost by strike, 2.

Strike unsuccessful.

Number of men affected by strike, 365.

Questions involved in dispute, "Breaker boys out one day; they wanted old breaker boss back. All hands out one day on account of collecting taxes. The men said they would not work until money collected for taxes was refunded; money was refunded; all hands were at work next day."

No. 40 Number of days lost by strike, 6.

Number of men affected by strike, 311.

Strike unsuccessful.

Questions involved in dispute, "The men wanted non-union men to join union."

No. 44 Number of days lost by strike, 2.

Number of men affected by strike, 1,139.

Number of miners affected by strike, 90.

Strike unsuccessful.

Date beginning strike, August 12, 1905.

Date ending strike, August 14, 1905.

Questions involved in dispute, "Several patchers objected to the promotion of another patcher claiming seniority in service."

No. 54 Number of days lost by strike, 2.

Number of men affected by strike, 175.

Number of miners affected by strike, 14.

Strike unsuccessful.

Not arbitrated.

Date beginning strike, November 3, 1905.

Date ending strike, November 5, 1905.

Questions involved in dispute, "Breaker boys struck concerning a job in breaker, which they all wanted, but as only one boy could get it they refused to work after a boy was put in the place."

No. 55 Number of days lost by strike, 3.

Number of men affected by strike, 42.

Date beginning strike, August 21, 1905.

Date ending strike, August 24, 1905.

Strike unsuccessful.

Questions involved in dispute, "A question of wages."



- No. 58    Number of days lost by strike, 4.  
          Number of men affected by strike, 1,662.  
          Strike unsuccessful.  
          Date beginning strike, October 17, 1905.  
          Date ending strike, October 21, 1905.  
          Questions involved in dispute, "Patchers' time and wages."
- 

#### COMMENTS ON TRADE CONDITIONS FOR 1905. ANTHRACITE LABOR.

Six companies report trade conditions "good."

One company reports trade conditions "generally good."

Two companies report trade conditions "fair."

One company reports trade conditions "dull during summer months."

One company reports trade conditions "slack."

One company reports trade conditions "vary at different seasons of the year."

One company reports trade conditions "dull at present."

One company reports trade conditions "very good at the present time."

One company reports trade conditions "no trouble to sell coal."

## BITUMINOUS COAL.

Total Production of Bituminous Coal in all Counties, 1905, Showing  
Tonnage, Value, Persons Employed, Wages, Paid, Etc.

Total number of mines or openings reported, .....	1,166
Total number of tons (net) mined and shipped, .....	116,263,504
Market or realized value of product at mines, .....	\$104,231,121
Average number of days in operation, .....	225
Average number of days for coke workers, .....	261
Average number of people employed, .....	153,141
Miners (pick), .....	60,372
Miners (machine), .....	41,844
Other inside workmen over 16 years of age, .....	22,964
Other inside workmen under 16 years of age, .....	779
Outside workmen over 16 years of age, .....	15,923
Outside workmen under 16 years of age, .....	225
Number of coke workers, .....	11,034
<hr/>	
Aggregate wages paid to all employes (not including superintendents or office force), .....	\$76,966,725
Miners (pick), .....	\$29,660,538
Miners (machine), .....	20,726,536
Other inside workmen over 16 years of age, .....	12,047,938
Other inside workmen under 16 years of age, .....	172,682
Outside workmen over 16 years of age, .....	8,361,315
Outside workmen under 16 years of age, ...	49,981
Wages paid to coke workers, .....	5,947,735
<hr/>	
Average yearly wage, .....	\$502 58
Miners (pick), .....	\$491 29
Miners (machine), .....	495 32
Other inside workmen over 16 years of age, .....	524 64
Other inside workmen under 16 years of age, .....	221 06
Outside workmen over 16 years of age, ..	525 11
Outside workmen under 16 years of age, ..	222 13
Coke workers, .....	539 03
<hr/>	

Average daily wage, .....	\$2 27
Miners (pick), .....	\$2 18
Miners (machine), .....	2 20
Other inside workmen over 16 years of age, .....	2 33
Other inside workmen under 16 years of age, .....	93
Outside workmen over 16 years of age, .....	2 33
Outside workmen under 16 years of age, .....	98
Coke workers, .....	2 06
<hr/>	
Tons of coal mined per miner for the year, .....	1,137
Average tonnage mined per day each miner, .....	5
Average price net ton run of mine, .....	90
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### BITUMINOUS COAL.

Production of Bituminous Coal, 1905, in counties that have no coke ovens or do not coke coal, and is part of the preceding Statement, which gives the total of all coal produced.

Total number of mines or openings, .....	805
Total number of tons (net) mined and shipped, .....	55,035,203
Market or realized value of product at mines, .....	\$54,225,452
Average number of days in operation, .....	225
Average number of people employed, .....	75,269
Miners (pick), .....	33,770
Miners (machine), .....	23,176
Other inside workmen over 16 years of age, .....	10,594
Other inside workmen under 16 years of age, .....	437
Outside workmen over 16 years of age, .....	7,157
Outside workmen under 16 years of age, .....	135
Aggregate wages paid to all employees (not including superintendents or office force), .....	\$35,773,293
Miners (pick), .....	\$15,622,842
Miners (machine), .....	11,015,498
Other inside workmen over 16 years of age, .....	5,285,678
Other inside workmen under 16 years of age, .....	101,340

Outside workmen over 16 years of age,	3,716,359	
Outside workmen under 16 years of age,	31,576	
		<hr/>
Average yearly wage, .....		\$475 27
Miners (pick), .....	\$462 62	
Miners (machine), .....	475 29	
Other inside workmen over 16 years of age, .....	498 93	
Other inside workmen under 16 years of age, .....	231 90	
Outside workmen over 16 years of age,	519 26	
Outside workmen under 16 years of age,	233 89	
		<hr/>
Average daily wage, .....		\$2 11
Miners, .....	\$2 08	
Other inside workmen over 16 years of age, .....	2 22	
Other inside workmen under 16 years of age, .....	1 03	
Outside workmen over 16 years of age,	2 31	
Outside workmen under 16 years of age,	1 04	
		<hr/>
Average number of tons per miner, mined during the year, .....		968
Average number of tons per miner per day, .....		4.3
Average value per ton at the mines, .....		99
		<hr/>

### BITUMINOUS COAL.

#### Production of Bituminous Coal in Counties that have Coke Ovens.

A separate statement from the mines that do not coke any coal showing the tons mined and tonnage of coked coal, people employed in mining and coking coal, wages paid, yearly and daily wage, value of coal mined, value of coal coked, average days in operation.

Total number of corporations or firms reporting, ....	90
Total number of mines or openings, .....	361
Total tonnage (net) of coal mined, .....	61,228,301
Total number of tons coke produced, .....	27,041,826
Market or realized value of coal mined f. o. b., .....	\$50,005,689
Market or realized value of coke at plant, .....	\$36,532,893
Number of coke ovens in service, .....	38,959

Coke ovens reported not in service, .....	134
Average number of days in operation, .....	261
Average number of people employed, .....	77,872
Miners (pick), .....	26,602
Miners (machine), .....	18,668
Other inside men over 16 years of age, .....	12,370
Other inside workers under 16 years of age, .....	342
Outside workmen over 16 years of age, .....	8,766
Outside workers under 16 years of age, .....	90
Coke workmen, .....	11,034

Aggregate wages paid to all these working people, ..	\$41,193,432
Miners (pick), .....	\$14,037,696
Miners (machine), .....	9,711,038
Other inside men over 16 years of age, .....	6,762,260
Other inside workers under 16 years of age, .....	71,342
Outside workmen over 16 years of age, .....	4,644,956
Outside workers under 16 years of age, .....	18,405
Coke workers, .....	5,947,735

Average yearly earnings, .....	\$528 99
Miners (pick), .....	\$527 69
Miners (machine), .....	520 20
Other inside men over 16 years of age, .....	546 67
Other inside workers under 16 years of age, .....	208 60
Outside workmen over 16 years of age, .....	529 88
Outside workers under 16 years of age, .....	204 50
Coke workers, .....	539 04

Average daily wage, .....	\$2 03
Miners (pick), .....	\$2 02
Miners (machine), .....	1 95
Other inside workmen over 16 years of age, .....	2 09
Other inside workers under 16 years of age, .....	80
Outside workmen over 16 years of age, .....	2 03
Outside workers under 16 years of age, .....	78
Coke workers, .....	2 07

Tons of coal mined per miner for the year, .....	1,352
Average tonnage mined per day, each miner, .....	5.2
Tons of coal coked per man for the year, .....	2,451
Average tonnage coked per man per day, .....	9.4
Average price net ton run of mine, .....	\$0 82
Average price per ton for coke at plant, .....	\$1 35

COMPARISON OF BITUMINOUS COAL MINING AS SUMMAR-  
IZED IN 1903, 1904 AND 1905.

Years.	Totals.	Increase (+) or decrease (—) as compared with the preceding year.		Increase (+) or decrease (—) 1905 as compared with 1903.	
		Amounts.	Percentage.	Amounts.	Percentage.
TONS (NET) OF COAL MINED.					
1903, .....	101,113,290	.....	.....	.....	.....
1904, .....	97,490,708	—3,622,582	—3.6	.....	.....
1905, .....	116,263,504	+18,772,796	+19.3	+15,150,214	+14.9
MARKET VALUE OF PRODUCTION.					
1903, .....	\$128,991,363	\$	.....	\$	.....
1904, .....	91,936,570	—37,054,793	—28.7	.....	.....
1905, .....	104,231,121	+12,294,551	+13.4	—24,760,242	—19.2
AVERAGE NUMBER OF PEOPLE EMPLOYED.					
1903, .....	145,880	.....	.....	.....	.....
1904, .....	146,331	+451	+3	.....	.....
1905, .....	153,141	+6,810	4.7	+7,261	+5.0
AGGREGATE WAGES PAID.					
1903, .....	78,857,502	.....	.....	.....	.....
1904, .....	66,134,195	—12,723,307	—16.1	.....	.....
1905, .....	76,966,725	+10,832,530	+16.4	—1,890,777	—2.4
AVERAGE YEARLY EARNINGS.					
1903, .....	540 69	.....	.....	.....	.....
1904, .....	452 09	—88 60	—16.4	.....	.....
1905, .....	502 58	+50 49	+11.1	—38 11	—7.0
AVERAGE DAILY WAGE.					
		Cents.		Cents.	
1903, .....	2 31	.....	.....	.....	.....
1904, .....	2 26	—05	—2.2	.....	.....
1905, .....	2 23	—03	—1.3	—08	—3.5
AVERAGE DAYS OF EMPLOYMENT.					
1903, .....	234	.....	.....	.....	.....
1904, .....	204	—30	—12.8	.....	.....
1905, .....	261	+57	+27.9	+27	—11.6



## BITUMINOUS COAL.

The following shows the counties in which Bituminous Coal is mined, that do not coke coal, together with the number of tons mined in each county and relative per cent.

Counties.	Number of mines.	Net tons.	Per- centage.
Allegheny, .....	62	8,332,729	15.141
Cambria, .....	129	7,586,241	13.784
Westmoreland, .....	45	6,821,090	12.394
Washington, .....	31	5,600,936	10.286
Clearfield, .....	176	5,046,402	9.169
Fayette, .....	29	4,380,869	7.960
Somerset, .....	43	4,328,939	7.865
Armstrong, .....	28	2,593,222	4.712
Indiana, .....	37	2,324,013	4.223
Jefferson, .....	28	1,859,622	3.379
Centre, .....	35	830,579	1.509
Mercer, .....	15	742,341	1.349
Clarion, .....	37	739,070	1.343
Bedford, .....	28	690,889	1.255
Tioga, .....	17	686,126	1.247
Butler, .....	24	534,653	.971
Huntingdon, .....	15	523,940	.952
Elk, .....	8	484,748	.881
Clinton, .....	1	296,989	.540
Lawrence, .....	5	227,189	.413
Beaver, .....	7	195,428	.355
Greene, .....	1	105,000	.191
Lycoming, .....	2	37,674	.069
McKean, .....	1	4,349	.008
Bradford, .....	1	2,136	.004
Totals, .....	805	55,035,293	100

## BITUMINOUS COAL.

The following shows the counties producing Bituminous Coal from which Coke was made, with the number of mines, the tonnage, and relative per cent.

Counties.	Number of mines.	Net tons.	Per- centage.
Fayette, .....	103	19,094,947	31.186
Westmoreland, .....	91	16,230,714	26.509
Allegheny, .....	33	6,359,092	10.358
Jefferson, .....	19	4,708,722	7.690
Cambria, .....	28	4,090,601	6.681
Washington, .....	20	3,817,914	6.236
Clearfield, .....	17	2,171,376	3.546
Indiana, .....	7	1,906,434	3.114
Somerset, .....	23	1,514,843	2.474
Elk, .....	9	796,508	1.301
Bedford, .....	3	231,935	.379
Blair, .....	5	215,764	.352
Cameron, .....	2	51,923	.085
Armstrong, .....	1	37,528	.061
Totals, .....	361	61,228,301	100

## COKE SUPPLEMENT—LABOR.

Statistical summary of employes, their number, nationality, number owning their own homes, average number of working hours per week, average yearly rent, number affected by strikes or lockouts.

Total number of companies, .....	91
Number of companies reporting on labor blank, .....	91
Number of days lost by strike, .....	14
Number of employes affected by strikes, .....	5,231
Number of employes who own their homes, .....	1,950
Average rent paid per annum, .....	\$72
Highest rent per annum reported, .....	\$100
Lowest rent per annum reported, .....	\$36
Average working hours per week, .....	54
32 companies work per week (hours), .....	60
23 companies work per week (hours), .....	54
23 companies work per week (hours), .....	48
2 companies work per week (hours), .....	50
1 company worked per week (hours), .....	57
1 company worked per week (hours), .....	55
1 company worked per week (hours), .....	45
1 company worked per week (hours), .....	42
1 company worked per week (hours), .....	40
1 company worked per week (hours), .....	34
5 companies do not report number of hours worked per week.	

## Nationality.

Nationality of employes reported, total number, .....	57,194
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Nationality and number of each as follows:

Slavonians, .....	7,876
Americans, .....	7,808
Italians, .....	6,021
Irish, .....	1,119
Hungarians, .....	3,182
English, .....	1,879
Swedes, .....	1,124
Austrians, .....	1,210
Polanders, .....	3,949
Germans, .....	987
Bohemians, .....	876
Scotch, .....	787
Russian, .....	675

Negroes, .....	520
Croatians, .....	479
Lithuanians, .....	327
Welsh, .....	241
Magyars, .....	114
Finns, .....	59
Greeks, .....	55
French, .....	40
Hawats, .....	25
Belgians, .....	7
Danes, .....	11
Norwegians, .....	6
Jews, .....	1
Swiss, .....	1
Various nationalities unnamed, .....	17,815

11 companies do not report on nationality of employees.

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#### CAUSES GIVEN FOR DAYS LOST IN THE COKE INDUSTRY IN 1905.

6 companies report 561 days "lost by lack of orders."

2 companies report 115 days "lost by dull trade."

3 companies report 68 days "lost by shortage of car supply."

No. 28 reports "26 days lost by some minor stoppages on account of shortage of railroad cars and breaks in machinery."

No. 34 reports "27 days idle on account of lack of transportation for coke and making necessary repairs to plant."

No. 35 reports "were idle one day of each week, or 52 days, in order to double out production of Foundry Coke."

No. 37 reports "Our establishment was not idle, but ceased operations September 15th, 1905, as we worked out all our coal."

No. 49 reports "Mine idle three months, building new coal washer and putting in new machinery."

No. 52 reports "Lost 15 days throughout the year due chiefly to short car supply."

No. 58 and 60 report "Derry No. 1 idle 71 days from June 7th to September 1st, erecting new tipple."

No. 70 reports "Lost 26 days, low price of coal."

No. 78 reports "Lost 78 days during dull period, from May until August."

No. 82 reports "Plant shut down from May 27th to September 13th on account of condition of trade, lost 93 days."

No. 398 reports "Lost 9 months, market conditions not favorable to us for coal shipments; we then turned to coke manufacturing."

No. 445 reports "Taylor plant lost about five days on account of break down in machinery, and four or five days from car shortage. Sykesville lost about six days by car shortage and about four days making repairs to machinery. In all 20 days lost."

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#### COMMENTS ON TRADE CONDITIONS IN THE COKE INDUSTRY IN 1905.

16 companies report trade conditions "good."

3 companies report trade conditions "fair."

1 company reports trade conditions "not favorable."

1 company reports "every indication points to a good year in the coal and coke business."

1 company reports "at present conditions are very favorable."

1 company reports "trade has been good during the past year. There has been a good feeling between employer and employe."

1 company reports "demand and prices quite good."

1 company reports "the outlook seems good for at least six months."

1 company reports "trade conditions the very best."

1 company reports "demand and prices nothing extra."

64 companies did not report on "trade conditions."

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#### BEGINNING AND ENDING OF STRIKES IN THE COKE INDUSTRY IN 1905.

No. 2 reports "two strikes, beginning August 19th, 1905, and September 13th, 1905."

"Strikes ending August 21st, 1905, and September 14th, 1905."

Questions in dispute: "In first strike trappers asked increase of wages, upon refusal they struck. Trappers returned at same wages. Strike unsuccessful."

"Second strike, United Mine Workers of America fined two Italians \$50.00 for staying more than eight hours and fifteen minutes in the mine; they refused to pay fine and we refused to discharge the Italians; this caused strike. Fine reduced to \$10.00 and paid. Men returned to work."

No. 13 reports "Strike beginning September 18, 1905. Strike ending September 20, 1905."

Question involved "United Mine Workers demanded that men not paying check-off should be compelled to pay or be discharged." Strike unsuccessful.



No. 56 reports "Strike beginning October 9th, 1905. Strike ending October 17, 1905."

Question involved, "Changing the time of hoisting the men out of shaft."

No. 381 reports "strike beginning March 1st, 1905. Strike ending March 9th, 1905."

Question involved, "Check weighman interfered with employes and acted on other questions not connected with his position, he promised miners to strike without permission had of union officials, thereby violating agreement."

### BITUMINOUS COAL SUPPLEMENT—LABOR.

Statistical summary of employes, their number, nationality, number owning their own homes, average number of working hours per week, average yearly rent, number affected by strikes or lockouts.

Total number of companies, .....	479
Number of companies reporting on labor blank, .....	469
Number of companies not reporting on labor blank, ..	10
Number of days lost by strikes, .....	869
Number of employes affected by strikes, .....	2,531
Number of days lost by lockouts, .....	13
Number of employes affected by lockouts, .....	217
Number of employes who own their own homes, .....	6,802
Average rent paid per annum, .....	\$65 00
Highest rent per annum reported, .....	\$200 00
Lowest rent per annum reported, .....	\$24 00
Average working hours per week. ....	49
253 companies work per week (hours), .....	48
88 companies work per week (hours), .....	54
43 companies work per week (hours), .....	60
10 companies work per week (hours), .....	50
7 companies work per week (hours), .....	45
4 companies work per week (hours), .....	44
3 companies work per week (hours), .....	36
3 companies work per week (hours), .....	32
2 companies work per week (hours), .....	39
2 companies work per week (hours), .....	49
2 companies work per week (hours), .....	53
2 companies work per week (hours), .....	52
1 company worked per week (hours),, , .....	24
1 company worked per week (hours), .....	64
1 company worked per week (hours), .....	35



1 company worked per week (hours), .....	47
1 company worked per week (hours), .....	59
1 company worked per week (hours), .....	62
1 company worked per week (hours), .....	42
1 company worked per week (hours), .....	27
1 company worked per week (hours), .....	57
1 company worked per week (hours), .....	72

Note.—Four hundred and seventy-nine companies employing 74,461 persons over 16 years of age report 6,802 men or 9.1 percentage owning their own homes; ninety-four companies report on this question that they do not know how many of their workmen own their own homes.

Note.—Thirty-seven companies do not report number of hours worked per week.

#### Nationality.

Nationality of employes reported, total number, ..... 55,583

Nationality and number of each as follows:

Americans, .....	17,347
Slavonians, .....	8,586
Hungarians, .....	3,289
Germans, .....	1,721
English, .....	2,751
Russians, .....	897
French, .....	477
Italians, .....	6,824
Polanders, .....	5,524
Lithuanians, .....	582
Belgians, .....	361
Negroes, .....	109
Scotch, .....	1,189
Austrians, .....	2,712
Irish, .....	731
Swedes, .....	1,732
Welsh, .....	313
Armenians, .....	10
Finlanders, .....	252
Bohemians, .....	117
Greeks, .....	25
Hebrews, .....	1
Danes, .....	13
Spanish, .....	20

Note.—Seventy-one companies do not report nationality of employes.

## STRIKES AND LOCKOUT IN BITUMINOUS MINING, 1905.

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- 19 companies report strikes.
26. Number of days lost by strike, 6.  
Number affected by strike, 427.  
Strike unsuccessful.  
Not arbitrated.  
Date beginning strike, May 24, 1905.  
Date ending strike, May 31, 1905.  
Question involved in dispute "A driver was discharged for negligence. Miners demanded his reinstatement. Refused.
61. Number of days lost by strike, 86.  
Number affected by strike, 9.  
Daily wage paid before strike, \$2.42.  
Daily wage paid after strike, \$2.42.  
Strike unsuccessful.  
Not arbitrated.  
Date beginning strike, April 14, 1905.  
Date ending strike, July 25, 1905.  
Question involved in dispute, "The cutting off of two cents from the price paid per car for mining."
137. Number of days lost by strike, 20.  
Number affected by strike, (no answer).  
Daily wage paid before strike, males, \$2.26.  
Daily wage paid before strike, minors, 94c.  
Daily wage paid after strike, males, \$2.26.  
Daily wage paid after strike, minors, 94c.  
Strike unsuccessful.  
Not arbitrated.  
Date beginning strike, May 22.  
Date ending strike, June 13.  
Question involved in dispute, "Raised question on dead work."
197. Number of days lost by strike, 6.  
Number affected by strike, 20.  
Daily wage paid before strike, \$1.98.  
Daily wage paid after strike, \$1.98.  
Strike unsuccessful.  
Not arbitrated; men went to work under same conditions as before strike.  
Date beginning strike, April 1st.

Date ending strike, April 8th.

Question involved in dispute, "Miners wished yardage in turning rooms, while still narrow, and also pay for setting stringers where roof required them.

249. Number of days lost by strike, 30.

Number affected by strike, 450.

Daily wage paid before strike, \$2.83.

Daily wage paid after strike, \$2.83.

Strike unsuccessful.

Not arbitrated.

Date beginning strike, August 29th.

Date ending strike, October 4th.

Question involved in dispute, "A few men refused to work in places assigned to them, claiming they could not make good wages. After the strike they worked the places assigned to them originally and later on were given different places."

295. Number of days lost by strike, 4.

Number affected by strike, 108.

Daily wage paid before strike, \$1.98.

Daily wage paid after strike, \$1.98.

Strike unsuccessful.

Arbitrated.

Date beginning strike, April 1st.

Date ending strike, April 4th.

Question involved in dispute, "Adjusting scale."

296. Strike declared April, 1904, and has not been declared off or adjusted since. No labor organization is effective at these mines at present.

308. Number of days lost by lockout, 10.

Number affected by lockout, 97.

Lockout unsuccessful.

Not arbitrated.

Date beginning lockout, April.

Date ending lockout, April.

Question involved in dispute, "First part of the lockout while awaiting report of employes committee at joint convention of operators and miners held in April to fix scale for the year. Second after starting work again men came out demanding permission to ride on dilly road which the company could not permit.

311. Number of days lost by lockout, 3.

Number affected by lockout, 120.

Lockout unsuccessful.

Not arbitrated.

Date beginning lockout, April.

Date ending lockout, April.

Question in dispute, "Awaiting report of employes' delegates at joint convention of operators and miners to fix scale for the year.

342. Number of days lost by strike, 200.

Number affected by strike, 800.

Daily wage paid before strike, \$2.14.

Daily wage paid after strike, \$1.93.

After strike men secured work at 11 per cent. reduction.

Not arbitrated, amicable settlement.

Date beginning strike, April 1, 1904.

Date ending strike, June 9, 1905.

Question involved in dispute, "Question of price."

439. Number of days lost by strike, 180.

Number affected by strike, 35.

Daily wage paid before strike, \$2.25.

Daily wage paid after strike, \$1.75.

Date beginning strike, April 1, 1904.

Date ending strike, October 1, 1905.

442. Number of days lost by strike, 30.

Number affected by strike, 47.

Daily wage before strike, \$2.27.

Daily wage after strike, \$2.27.

Strike unsuccessful.

Not arbitrated.

Date beginning strike, May 1st.

Date ending strike, May 30th.

Question involved in dispute, "The authority of mine foreman in placing his men. The mine committee came to the conclusion that the mine foreman had no right to change his men after hiring them, whether they suited or not; we could not see it that way."

475. Number of days lost by strike, 3.

Number affected by strike, 60.

Date beginning strike, November 23d.

Date ending strike, November 25th.

529. Number of days lost by strike, 125.

Number affected by strike, 7.

Daily wage before strike, \$2.80.

Daily wage after strike, \$2.64.

Strike unsuccessful.

Men started on their own account.

Date beginning strike, April.

Date ending strike, September 1st.

Question involved in dispute, "The officials of the miners' union gave us  $5\frac{1}{2}$  per cent. off, and we signed the scale, but the men would not accept it. I had two men that worked all the time."

503. Number of days lost by strike, 14.

Number effected by strike, 98.

Strike unsuccessful; men went out without cause and returned without gain or loss except as to time.

Not arbitrated.

Date beginning strike, April 1st, also 2 days in July.

Date ending strike, April 12th.

480. Number of days lost by strike, 54.

Number affected by strike, males, 150.

Number affected by strike, minors, 2.

Daily wage before strike, males, for ten hours, \$2.25.

Daily wage before strike, minors for ten hours, 75c.

Daily wage after strike, males, for eight hours, \$2.26.

Daily wage after strike, minors, for eight hours, 94c.

Date beginning strike, August 28th.

Date ending strike, October 27th.

55. Number of days lost by strike, 100.

Number affected by strike, 12.

Daily wage before strike, \$2.56.

Daily wage after strike, \$2.42.

Strike unsuccessful.

Not arbitrated. Miners would not obey officials' orders to work.

Date beginning strike, April 1, 1905.

Date ending strike: After 60 days strike was considered broken.

Question involved in dispute, "Miners would not accept  $5\frac{1}{2}$  per cent. reduction as was in effect the year previous in all other districts. A few men continued working after April 1, 1905, and the others gradually got to work after 60 days."

380. Number of days lost by strike, 11.

Number affected by strike, males, 308.

Number affected by strike, minors, 7.

Daily wage before strike, males, \$2.33.

Daily wage before strike, minors, \$1.06.



Daily wage after strike, males, \$2.33.

Daily wage after strike, minors, \$1.06.

Strike unsuccessful.

Not arbitrated.

Date beginning strike, December 8, 1905.

Date ending strike, December 19, 1905.

Question involved in dispute, "Men disputed the method of screening coal."

128 Number of days lost by strike, 4.

Number affected by strike, 103.

Daily wage before strike, \$3.00.

Daily wage after strike, \$3.00.

Strike unsuccessful.

Arbitrated.

Date beginning strike, September 23, 1905.

Date ending strike, September 26, 1905.

Question involved in dispute, "Some men would not agree to pay check off."

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#### CAUSES ASSIGNED FOR DAYS LOST IN BITUMINOUS MINING DURING 1905.

57 companies report that they were "not idle."

54 companies report number of days idle (ranging in each case from 3 to 191) 4,091 days by reason of car shortage.

42 companies report their plants idle on account of car shortage, but do not specify number of days.

9 companies report their plants idle by reason of "lack of orders" but do not specify number of days.

No. 15 reports "Idle several days, lack of railroad equipment, a few days on account of water in the mines, also a few days by reason of lack of orders."

No. 157 reports "One mine idle April 20th to September 22nd, the other mine idle May 1st to October 9th, for want of railroad cars and on account of low price of coal."

No. 165 reports "Idle seven months owing to poor and irregular car supply and more or less trouble with drainage; only by working every day does it pay to handle coal."

No. 171 reports "Idle by lack of cars to ship product, 151 days."

No. 192 reports "Idle at our mine by reason of car shortage, caused by the railroad not furnishing individual shippers equipment to transport one-half what they could have produced."



No. 199 reports "Idle, scarcity of cars and dull market during summer."

No. 202 reports "Idle, slack trade and short car supply."

No. 212 reports "We lost all of July by dullness of iron trade. The balance of the year we spent waiting on railroad cars. The railroad company did not seem to care whether any except the B. W. C. M. Co. got cars or not, so we had to sit and wait until they were ready to give us cars."

No. 244 reports "Idle four months, low price of coal, and 88 days by reason of car shortage."

No. 258 reports "Idle at times by lack of car supply, at other times by lack of orders."

No. 283 reports "Idle from lack of orders, scarcity of cars and holidays, 131 days."

No. 305 reports "Lost considerable time by railroad not giving us freight rate, except on Northern Central from Ralston, Pa., to Canandaigua, N. Y."

No. 432 reports "Mine was idle during July, repairing boilers, and also frequently idle on account of car shortage."

No. 2-B reports "Mine occasionally idle on account of poor market and shortage of cars."

No. 1 reports "Idle holidays 11, shortage of orders 25, breakdown 15, funerals 2, Russian and Polish holidays 12, total 65 days."

No. 2-A reports "Idle by reason of flood 5 days."

No. 16 reports "Idle for want of orders 20 days."

No. 33 reports "Idle about 2 weeks by water breaking into mine from a run, also idle occasionally for want of cars."

No. 36 reports "Idle 13 days, no trade and holidays."

No. 50 reports "Idle the usual 2 weeks' rest during scale renewal."

No. 51 reports "Mine No. 1 idle 8 months during the year; mines 10 and 12 idle 11 months."

No. 63 reports "Idle several weeks last winter on account of bad weather."

No. 70 reports "Idle from April 1st to October 1st, mine worked only 36 days, as market price of coal was below cost of production."

No. 74 reports "Idle about half the year owing to poor demand and low price for coal."

No. 164 reports "Idle last two weeks of April on account of suspended orders."

No. 174 reports "Idle about 100 days, no demand for coal."

No. 178 reports "Idle 30 days, being under repairs, part of time car shortage and poor trade."

No. 182 reports "Idle about half time, no demand for coal."

No. 186 reports "Idle, funerals 3 days, adjusting wage scale 6  
31—9—1905"

days, rebuilding burned tipple 17 days, regrading tipple settling 6 days and 46-days railroad failing to furnish cars, total 79 days."

No. 187 reports "We were closed down from June 1st to October 1st on account of business conditions."

No. 189 reports "Idle about 100 days, dull market and car shortage."

No. 201 reports "Mine No. 1 idle June 1st to November 1st, poor conditions of the market."

No. 209 reports "Idle  $1\frac{1}{2}$  months owing to railroad misunderstanding."

No. 220 reports "Idle 9 months, low price of coal, making improvements at mine and my absence in State of Washington developing coal property; expect to soon begin operations again."

No. 231 reports "Idle part of the time on account of car shortage, otherwise would have run full time."

No. 248 reports "Idle during July and part of August, poor market for coal."

No. 253 reports "We closed down during summer months, as our mines only supply local demand."

No. 267 reports "Idle 11 days, 6 holidays, 5 days for repairs."

No. 270 reports "Our mine about exhausted, not operating now."

No. 287 reports "Idle about 5 months, unprofitable, as we could use men at other mines to better advantage."

No. 289 reports "Idle 72 days, low river and various holidays."

No. 75 reports "Idle  $167\frac{1}{4}$  days for the reason we could not produce coal and sell it at a profit."

No. 80 reports "Was not idle any definite length of time, but ran slack for about 5 months on account of low price of coal. Could have sold coal but at such low figures it would have been at a loss."

No. 84 reports "Enterprise mine was idle 2 months, no market for coal."

No. 85 reports "Mines Nos. 3 and 4 were idle 387 days for want of trade."

No. 94 reports "Idle 93 days by snow blockade on railroad and lack of summer market."

No. 102 reports "One of our collieries idle 3 months, depression in trade."

No. 105 reports "Mine worked out, idle 10 months in 1905, and out of business."

No. 109 reports "Idle 22 days national and religious holidays."

No. 112 reports "Idle 5 days for repairs, 10 days prices being too low to operate without loss; total 105 days."

No. 124 reports "Idle (no days specified) because price for coal was too low to make it pay."

No. 42 reports "Idle 186 days because we could not sell our coal at a profit."

No. 51 reports "Scottsdale mine operated only 2 months in 1905."

No. 140 reports "demand for domestic purposes being light during the summer, we did not run full time during 3 months."

No. 141 reports "Idle May, June and July, dull coal business."

No. 142 reports "Idle January 1st to May 27th, drowned out."

No. 143 reports "Idle July and August, we might as well have been idle May and June, we only worked 5 days in May and June."

No. 155 reports "Idle April to October, low market price of coal."

No. 162 reports "Mine shut down 9 months while changing location of siding for dumping coal."

No. 295 reports "Idle 45 days, 12 holidays, 33 days short of orders."

No. 196 reports "Practically idle, running very light for about 8 weeks, lack of orders."

No. 301 reports "Idle about half the time, no demand for coal. We could not get it out cheap enough to sell the trade, also when we got trade we could not get empties from the B. & O. R. R."

No. 302 reports "Idle 78 days lack of trade."

No. 308 reports "Lost more or less time each month, aggregating for the year 105 days."

No. 309 reports "Idle  $2\frac{1}{2}$  months, depression in trade."

No. 311 reports "Idle for want of trade, 1 to 3 day periods, aggregating about 100 days."

No. 320 reports "During summer the number of men employed conformed with the number of tons required by trade."

No. 323 reports "Idle during summer, no demand for coal."

No. 98 reports "Idle 3 months, no orders."

No. 330 reports "Idle 5 months, dull season."

No. 331 reports "Temporarily idle, slight accidents."

No. 341 reports "Idle 45 days, 5 days repairing machinery, 40 days dull business during summer."

No. 344 reports "Idle January 28th to February 14th, freeze-up; October 13th to December 11th, mine fire; we also lost considerable time by lack of orders due to demoralized condition of river market."

No. 350 reports "Idle because the car supply was miserably poor."

No. 361 reports "Idle 6 months, lack of orders."

No. 365 reports "Idle 7 months, due to low prices, market conditions and freight rates."

No. 378 reports "Idle, repairing shaft 13 days, changing construction of plant 19 days, no cars 3 days, changing construction of plant at Larimer 9 days, total 44 days."

No. 396 reports "Idle on account of dull times from April 1st to November 20th, 1905."

No. 404 reports "Idle from April 30th to September 9th, 108 days."

No. 412 reports "Idle on account of high water."

No. 415 reports "Idle until business permitted further operations."

No. 430 reports "Idle 125 days, lack of orders."

No. 431 reports "Idle more or less through the year owing to low market price, during the summer months. We produced very little coal, yet fixed expenses remained the same. While a fair average price was had for coal, our cost per ton was very high."

No. 435 reports "Idle from April 6th to October 23rd, 162 days, on account of low price for coal."

No. 437 reports "Idle part of the time during the summer months, no market for coal."

No. 461 reports "Idle 109 days by reason of miners' and legal holidays, petty coal strikes and shortage of cars."

No. 462 reports "Idle 104 days, no desire on part of railroad company to supply cars for coal shipment."

No. 472 reports "Idle 1 day a week through summer, no trade, but may say we had all the trade we cared for."

No. 473 reports "Idle four months building new piece of railroad to our mine."

No. 475 reports "Idle April 8 to October 26, 1905, 168 days."

No. 479 reports "Idle 100 days on account of coal price."

No. 482 reports "Idle, scarcity of cars and no coal."

No. 484 reports "Idle 14 days legal and other holidays."

No. 500 reports "Idle 70 days during May, June, July and August, cost of production too great."

No. 519 reports "Idle 10 days, repairing tippie."

No. 521 reports "Idle for want of cars; our mountain branch mine was being improved. Hope Colliery was sold July 31st."

No. 530 reports "Idle three months, low market price for coal."

No. 173 reports "Idle June 16th to October 1st, depression in coal business."

No. 180 reports "Idleness due part of time to scarcity of cars, the other part to scarcity of diggers and no market for coal."

No. 183 reports "Idle 5 months, mine shut down, abandoned; dissolution of partnership."

No. 384 reports "Idle 20 days for repairs."

No. 55 reports "Idle 10 days, no sale for coal and running the mine with less men than its capacity."

No. 574 reports "Idle June to December, prices of coal not meeting expenditures, and also for lack of cars we did not work more than two full days a week."

No. 359 reports "Idle 50 days, lack of business."

No. 64 reports "Idle 4 months during summer, dullness of trade."

No. 298 reports "Idle for a short period at intervals, insufficient car supply and high water."

No. 380 reports "Stopped six days for miners' holidays, 3 days breakdown in machinery."



No. 87 reports "Idle 25 days, getting ready to operate mine."

No. 89 reports "Idle 7 months, mine out of order."

No. 113 reports "Idle about 2 weeks, lack of orders."

No. 119 reports "Idle during summer, no demand for house coal."

No. 159 reports "Idle 60 days low price of coal, and 30 days impossible to get cars, total 90 days."

No. 166 reports "Idle, conditions of market, 110 days."

No. 169 reports "Idle, dullness of market, 120 days."

No. 184 reports "Idle 185 days, price of coal too low to operate mines at a profit."

No. 190 reports "Idle most of the time, low prices."

No. 208 reports "Idle 70 days putting in drift; this mine was not owned by us prior to May 1st."

No. 210 reports for 2 mines, "Idle 250 days at both mines, dullness of trade."

No. 215 reports "Idle on account of shut-down, pending reorganization of company."

No. 238 reports "Idle, tipple burned down, dull coal market during summer."

No. 254 reports "Idle 30 days for repairs."

No. 279 reports for several mines, "Nos. 2 and 3 closed voluntarily May 24th to October 17th, and April 20th to October 17th."

No. 291 reports "After February, 1905, leased mine to Northwestern Mining Company."

No. 300 reports "Idle 30 days, no trade."

No. 232 reports "This mine was not started until October 15, 1905."

No. 357 reports "Idle half the year, poor market conditions."

No. 358 reports "Idle 230 days, lack of railroad cars and low price of coal."

No. 362 reports "Idle 211 days, no sale for coal."

No. 394 reports "Idle 6 months, scarcity of orders and cars."

No. 402 reports "Idle 97 days, no cars, no orders."

No. 409 reports "Idle only 5 days during the year on account of dumps full."

No. 410 reports "Idle 134 days, low price of coal and short car supply. We received during the year not over 50 per cent. of cars required."

No. 476 reports "Idle 4 months, could not afford to run at coal prices."

No. 485 reports "Idle 2½ months, dull market."

No. 486 reports "Idle during summer months, demand for domestic sizes being light."

No. 502 reports "Idle 9 months, depression in coal trade."

No. 534 reports "Idle 8 months, no sale for coal."

No. 242 reports "Idle 2 days, break-down."

No. 306 reports "Idle 100 days, poor coal market."

No. 343 reports "Idle 30 days, making improvements."

No. 312 reports "Idle 73 days, funerals, Saturday half holidays and holidays."

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## COMMENTS ON TRADE CONDITIONS DURING 1905 IN BITUMINOUS MINING.

34 companies report conditions "unsatisfactory and very poor, market poor, prices low."

46 companies report conditions "fair."

16 companies report conditions "very good and outlook good."

5 companies report conditions "good, except shortage and scarcity of cars our only trouble."

5 companies report "conditions much improved during latter part of year."

No. 1 reports "conditions favorable."

Nos. 15 and 166 report "trade was much better in 1905 than 1904, our returns being about one-third greater."

No. 32 reports "too much gas hereabouts."

No. 94 reports "we furnish domestic trade only."

No. 100 reports "prices could be better."

No. 140 reports "demand fairly good, prices low."

No. 171 reports "trade good, with a fair car supply."

No. 174 reports "over-production of coal keeps prices low."

No. 176 reports "trade poor, especially the two middle quarters of the year."

No. 182 reports "expect better trade in 1906 than 1905."

No. 192 reports "expect a dull year."

No. 199 reports "wages too high."

No. 209 reports "would prefer that the government control railroads."

No. 220 reports "trade was very poor up to November, 1905, we are hampered for cars when conditions are favorable."

No. 231 reports "trade would be good if we had cars."

No. 230 reports "spring and summer dull, fall trade good."

No. 245 reports "coal trade continued slack during 1905."

No. 301 reports "the price of coal is very low, while the demand is good, they expect to get it for nothing."

No. 305 reports "trade and prices good, freight rate bad."

No. 311 reports "over-production causes too much idle time."

No. 266 reports "not much improved over 1904."

No. 350 reports "trade would be good if car supply was regular or sufficient."



Nos. 363 and 264 reports "Keen competition."

No. 392 reports "we are local dealers and deliver coal as low as \$1.15."

Nos. 403 and 462 report "trade suffers from over-development."

No. 415 reports "fore part of season dull, later trade improved."

No. 219 reports "trade snits me."

No. 430 reports "prospects bright."

No. 431 reports "very poor, owing to over-production."

No. 529 reports "not very good, we depend altogether on local trade."

No. 173 reports "over-production of coal. We do not receive any trade from local railroad or a freight rate allowing us to compete for trade during summer on the Great Lakes. In fact, we are under obligations to no one for business, only to nature, which gives us a few months creating some demand for coal in winter. We have small mines, get little from New England railroads. Are only favored when other big miners of coal can't supply."

No. 286 reports "our trade is cash."

Nos. 284 and 63 report "all coal is mined for our own consumption."

No. 147 reports "trade unsatisfactory, low prices as a rule prevail and shortage of cars has reduced production when market conditions incline to be favorable."

No. 64 reports "the outlook is not very good and never will be as long as railroads are permitted to mine coal."

No. 527 reports "ruling prices too low."

No. 107 reports "on account of litigation our operations were suspended for a period of nearly seven months."

No. 113 reports "conditions not very favorable."

No. 159 reports "conditions bad, will be all summer whether there is a strike or not."

No. 166 reports "first half of year dull, last half fair."

3 companies report "trade fair in winter, dull in summer."

No. 215 reports "I consider trade bright."

No. 483 reports "fairly good except short car supply."

No. 486 reports "demand fairly good, prices low."

No. 502 reports "conditions uncertain on account of labor agitation."

## 1896 COMPARATIVE SERIES—LABOR SUPPLEMENT.

## Statistical Summary.

Total number of companies, .....	723
Number of companies reporting, .....	706
Number of companies out of business, .....	12
Number of companies not in operation, .....	5
Number of days lost by strike, .....	204
Number of persons affected by strike, .....	924
Number of employes who own their own homes, .....	7,053
Average rent paid per annum, .....	\$140
Highest rent per annum given, .....	\$250
Lowest rent per annum given, .....	\$36
Average working hours per week, .....	58
1 Establishment worked per week (hours), .....	144
1 Establishment worked per week (hours), .....	130
1 Establishment worked per week (hours), .....	90
1 Establishment worked per week (hours), .....	72
1 Establishment worked per week (hours), .....	71
1 Establishment worked per week (hours), .....	70
1 Establishment worked per week (hours), .....	66
2 Establishments work per week (hours), .....	65
2 Establishments work per week (hours), .....	62
252 Establishments work per week (hours), .....	60
42 Establishments work per week (hours), .....	59
52 Establishments work per week (hours), .....	58
16 Establishments work per week (hours), .....	57
18 Establishments work per week (hours), .....	56
77 Establishments work per week (hours), .....	55
71 Establishments work per week (hours), .....	54
7 Establishments work per week (hours), .....	53
8 Establishments work per week (hours), .....	52
4 Establishments work per week (hours), .....	51
19 Establishments work per week (hours), .....	50
1 Establishment worked per week (hours), .....	49
5 Establishments work per week (hours), .....	48
3 Establishments work per week (hours), .....	47
1 Establishment worked per week (hours), .....	46
2 Establishments work per week (hours), .....	45

## Nationality.

Nationality of employes reported, total number, .....	84,404
Nationalities and number of each as follows:	
Americans, .....	62,819
English, .....	2,889

Germans, .....	3,565
Irish, .....	2,424
Scotch, .....	431
Slavonians, .....	1,177
Polanders, .....	3,536
Italians, .....	2,116
Hungarians, .....	1,677
French, .....	126
Russians, .....	677
Prussians, .....	19
Swedes, .....	278
Austrians, .....	714
Assyrians, .....	3
Bohemians, .....	6
Welsh, .....	459
Lithuanians, .....	5
Negroes, .....	149
Belgians, .....	279
Magyars, .....	193
Hebrews, .....	98
Norwegians, .....	10
Grecians, .....	4
Greeks, .....	308
Cubans, .....	2
Finlanders, .....	6
Danes, .....	3
Canadians, .....	6
Howarts, .....	287
Swiss, .....	10
Roumanians, .....	13
Pomerians, .....	13
Jews, .....	6
Servians, .....	32
Croatians, .....	63
Mexicans, .....	1

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## STRIKES AND LOCKOUTS IN 1905.

## 1896 COMPARATIVE SERIES.

Boiler, Tanks, Stacks, Etc., number 599 reports:

Number of days lost by strike, 28.

Number of men affected by strike, 66.

Wages paid before strike, \$2.90.

Strike unsettled December 31st, 1905.

Strike not arbitrated.

Date beginning strike October 3, 1905.

Questions involved in dispute, "Demand of coremakers for increased wages, this not being granted, they struck. The iron moulders were ordered out a few days afterwards by their union, presumably to force compliance with coremakers' demands."

Window Glass, Bottles and Table Goods, number 941 report:

Number of days lost by strike, 7.

Strike unsuccessful.

Arbitrated.

Date beginning strike December 9, 1905.

Date ending strike December 16, 1905.

Questions involved in dispute, "The American Flint Glass Workers' Union demanded discharge of fifteen cutters. The company refused demand."

Window Glass, Bottles and Table Goods, number 953 reports:

Number of days lost by strike, 18.

Strike unsuccessful.

Not arbitrated.

Date beginning strike, May 27, 1905.

Date ending strike, September 15, 1905.

Question involved in dispute, "The question involved was our right to run a non-union factory and it was so run until the time we usually closed down. But we compromised later with the men by running a union factory; the concessions on their part being that we put on an extra number of apprentices."

Dress Trimmings, Braid, Etc., number 1,018 reports:

Number of days lost by strike, 18.

Number affected by strike, males, 50; females, 50.

Daily wage before the strike, males, \$1.87; females, \$1.07; minors, 74c.

Daily wage paid after the strike, males, \$1.87; females, \$1.07; minors, 74c.

Strike partially successful.

Not arbitrated.

Date beginning strike, November 21, 1905.

Date ending strike, December 12, 1905.

Questions involved in dispute, "A slight increase in the price of making one part of a shirt. The compromise affected was of no material value to the strikers or of great loss to us."

Foundries and Machine Shops, number 631 reports:

Number of days lost by strike, 24.

Number of men affected by strike, 89.

Daily wage paid before strike, \$1.90.

Strike unsettled December 31, 1905.

Date beginning strike, October 23, 1905.

Questions involved in dispute, "Firm want an open shop." Core-makers want 25c per day increase in wages and recognition of the union."

Bolts, Nuts, Etc., number 397 reports:

Number of days lost by strike, 30.

Number of men affected by strike, 6.

Strike unsuccessful.

Date beginning strike, June.

Date ending strike, July.

Question involved in dispute, "Men wanted an advance but they found we were paying more than our competitors."

Iron Chains, number 684 reports:

Number affected by strike, 52.

Daily wage paid before strike, \$1.54.

Daily wage paid after strike, \$1.54.

Strike unsuccessful.

Date beginning strike, July 15, 1905.

Strike unsettled December 31, 1905.

Questions involved in dispute, "Advance in wages."

Iron Chains, number 684½ reports:

Number of days lost by strike, 24.

Number of men affected by strike, 103.

Daily wages paid before strike, \$1.86.

Daily wages paid after strike, \$1.86.



Strike unsuccessful.

Not arbitrated.

Date beginning strike, July 15, 1905.

Slate Roofing (Squares) number 912 reports

Number of days lost by strikes. 34.

Number of men affected by strikes, 100.

Daily wage paid before strike, \$2.93.

Daily wage paid after strike, \$2.87.

Date beginning strikes, April 3, September 3, October 3, 1905.

Date ending strikes, April 12, September 15, October 12, 1905.

"First strike was successful for company."

"Second strike was successful for men."

"Third strike was successful for company."

Slate Roofing (Squares) number 919 reports:

Number of days lost by strikes, 20.

Number of men affected by strikes, 200.

Date beginning strikes, April 3, October 3, 1905.

Date ending strikes, April 13, October 15, 1905.

Questions involved in dispute, "Reduction of piece work."

Machinery, number 610 reports:

Number affected by strike, 76.

Date beginning strike, October.

Strike not ended December 31, 1905.

Question involved in dispute, "Question of a unionized or open foundry. Foundry has been operated, almost, as usual during strike, but with reduced capacity."

Cotton and Woolen Cloths, number 1,044 reports:

Number of days lost by strike, 1.

Number affected by strike, males, 46; females, 38.

Strike arbitrated.

Questions involved in dispute, "Warpers asked one dollar advance in wages from \$15.00 to \$16.00 per week. It was granted. On the first of January, 1906, all hands were advanced 5 per cent. in wages, and at that rate they were paid per hour instead of per week."

Cigars, number 753 reports:

Number of men affected by strike, 48.

Date beginning strike, May 3, 1905.

Strike unsuccessful.

Not arbitrated.

Question involved in dispute, "Men wanted increase in wages; all were incompetent cigar makers except two. The strike seriously hurt our output."



CAUSES GIVEN FOR DAYS LOST DURING 1905—1896 COM-  
PARATIVE SERIES.

## Malleable Iron.

One plant reports being "idle 29 days for repairs."

## Tacks and Small Nails.

One plant reports being "idle 12 days for repairs."

## Wire.

One plant reports being "idle 6 days repairs to furnace."

## Wire Rope.

One plant reports idle "holidays."

## Wagon and Carriage Axles and Springs.

One plant reports idle "holidays, stock taking and repairing."

## Stoves, Ranges, Heaters, Etc.

One plant reports idle "only for necessary repairs;" one "22 days for repairs;" one "full time except for repairs and holidays;" one reports "36 days repairs and stock taking;" one reports "36 days building alterations;" one reports "usual time for inventory and repairs."

## Baths, Boilers, Tanks, Etc.

One plant reports "idle three days testing boilers."

## Hardware Specialties.

One plant reports "six days idle taking stock."

## Edge Tools.

One plant reports being idle "2 days lack of gas;" one reports "usual shut down two to three weeks for general repairs;" one reports "legal holidays;" one reports "worked five days per week owing to medium demand for goods.;" one reports "accidents, repairs etc.;" one reports "partly idle from short orders."

## Wrenches, Picks, Etc.

One plant idle "100 days for repairs and waiting for material."

### Wrought Iron Pipe and Tubes.

One plant reports "this department operated only portion of year;" one reports "nine days idle for repairs;" one reports "six days for repairs;" one reports "two weeks for repairs."

### Brass, Copper and Bronze Goods.

One plant reports being "idle two days for repairs;" one reports "idle 8 holidays, 52 Sundays, 13 days for repairs;" one reports "idle one day a week during summer months;" one reports "35 days dull business;" two report "not idle."

### Iron and Steel Bridges.

One plant reports "plant was idle January to November, inclusive, for lack of work;" one plant "idle one month on account of fire."

### Locomotives, Stationary Engines, Etc.

One plant reports "idle one day employes' excursion;" four report "not idle."

### Engines, Boilers, Etc.

One plant reports "idle 13½ days, legal and local holidays;" four report "not idle."

### Cars, Springs, Axles and Railway Supplies.

Two plants report "not idle."

### Iron Vessels and Engines.

One plant reports "idle first four months of year, repairs to plant, but not closed up at any period except as specified;" one reports "not idle."

### Boilers, Tanks, Stacks, Etc.

One plant reports "closed greater part of year, cause keen competition;" one reports "idle a few days on account of break down;" one reports "idle from June 1, 1904 until April, 1905. We did not have a contract of one boat; part remodeling of one boat in 1905 will not go in until middle of 1906;" one reports "run entire year;" one reports "idle the week of July 4th;" one reports "idle seven holidays;" seven plants report "not idle."

### Machinery.

One plant reports being idle "eight days repairs and boiler cleaning;" one reports "idle holidays only;" six plants report "not idle."

### Foundries and Machine Shops.

One plant reports "idle fourteen days for repairs;" one reports "idle seven holidays, four days for repairs;" one reports "six holidays, two days flood;" one reports "a few days lack of orders and repairs;" one reports "idle nine days, fair week and holidays;" nine plants report "not idle."

#### Files, Etc.

One plant reports "idle legal holidays."

#### Plumbers' Supplies.

Two plants report, "not idle."

#### Electrical Supplies.

One plant reports "Sundays legal holidays and repairs 69 days."

#### Shovels, Spades, Scoops, Etc.

One plant reports "two weeks for repairs;" one reports "ten days for repairs;" one reports "repairs and stock taking."

#### Safes and Vault Doors.

One plant reports "not idle."

#### Metal and Metallic Goods.

One plant reports "idle legal holidays."

#### Building and Structural Iron Work.

One plant reports "not idle except holidays."

#### Iron Chains.

One plant reports "idle legal holidays;" one reports "not idle."

#### Agricultural Implements.

One reports "idle holidays;" "two "holidays only;" one "eighteen days for repairs;" one reports "six days stock taking and holidays;" two report "not idle."

#### Tinware.

One plant reports "break down one day;" two plants report "not idle."

#### Paper Manufactories.

One plant reports "15 days repairs and inspection;" one reports "30 days no business;" one reports "Sundays and holidays;" one re-

ports "repairs;" one reports "12 days for repairs, holidays and breakdown;" one reports "8 days repairs, 1 day freshet, 4 days 4th of July and Christmas;" one reports "not idle."

#### Cigars.

One plant reports "idle only for a short time for stock taking and repairs;" one reports "holidays and vacation;" one reports "12 days for repairs;" eighteen report "not idle."

#### Cordage, Rope and Twine.

One plant reports "idle 8 holidays and 1 day for repairs;" one reports "not idle."

#### Paper, Paper Boxes, Envelopes, Etc.

One plant reports "running steadily;" five plants report "not idle."

#### Pottery.

One plant reports "idle two weeks stock taking."

#### Paving Brick.

One plant reports "running half time;" one reports "repairs and holidays;" one reports "stopped part of November and December, shortage of gas for fuel;" one reports "idle at intervals for repairs."

#### Building Brick.

One plant reports "idle about 30 days on account of unsettled weather and broken machinery;" one reports "holidays;" one reports "idle during wet weather;" one reports "our plant burned down November 20, 1904, did not run again until July, 1905, had no insurance on plant;" one plant reports "49 days repairs and bad weather;" one reports "four months bad weather and light demand;" one reports "three months in winter;" one reports "one month for repairs to machinery;" one reports "two months weather conditions;" one reports "idle only for natural causes;" one reports "four months cold weather;" one reports "30 days short supply of coal;" one reports "18 days bad weather, repairs and 5 holidays;" four plants report "not idle."

#### Fire Brick.

One plant reports "idle only for repairs;" one reports "30 days removal and repairs;" one reports "5 days high water;" one reports "100 days no demand for brick;" one reports "holidays and repairs;" one reports "8 days for repairs;" two plants report "not idle."

## Slate Roofing, Etc.

One plant reports "operations were occasionally interfered with by severe weather;" two plants report "not idle."

## Slate Roofing, Etc.

One reports "idle part of winter bad weather;" one reports "idle only on account of bad weather;" one reports "short time for repairs and bad weather;" one reports "worked every day the weather permitted;" one reports "manufacturing department was idle four months because we could not quarry stone for factory and work was all directed to moving top and opening up new beds of slate."

## Window Glass, Bottles and Table Goods.

One plant reports "flood and repairs;" one plant reports "shut down 6 weeks;" one plant "idle 4 weeks;" one reports "holidays 6 days, repairs 22 days;" one reports "idle from July 1 to August 7 to renew furnace and also holidays;" one reports "2 weeks during summer and holidays;" one reports "usual summer stop six weeks which the union will not work, and also holidays;" one reports "summer stop six weeks;" one reports "usual summer stop in July;" one reports "summer stop two months;" one reports "regular shut down July 1st to August 1st;" one reports "2 weeks summer vacation."

## Glazed and Chrome Kid.

One plant reports "idle a few days shortage of raw material;" two plants report "not idle."

## Men's, Women's, Misses' and Children's Shoes.

One plant reports "15 days for repairs and stock taking;" one reports "legal holidays and boiler inspection;" five report "not idle."

## Hats and Caps.

One plant reports "shut down for want of female help in summer;" one reports "not idle."

## Wool Hats.

One plant reports "idle 31½ days no demand for wool hats;" one reports "two months idle."

## Umbrellas and Parasols.

One plant reports "dull trade amounting to ¼ year;" one reports "not idle."

## Dress Trimmings, Braids, Etc.

One plant reports "idle 20 days holidays and repairs;" three plants report "not idle."



## Shirts and Shirt Waists.

One plant reports "idle to repair machinery;" three plants report "not idle."

## Cotton and Woolen Cloths.

One plant reports "idle a few days cleaning and repairing boilers;" one reports "28 days natural causes;" one reports "a few days for repairs;" eight plants report "legal holidays and Sundays;" one reports "3 days death of one of the firm."

## Carpets.

One plant reports "one week on account of death of one of the firm;" one reports "six weeks dullness of trade;" one reports "six months ran on three-fourths time owing to reduced volume of business;" three report "not idle."

## Cotton Goods.

One plant reports "idle 3 days for repairs;" one reports "repairs 4 days, 4 holidays;" one reports "owing to financial matters were only able to run our plant during part of year;" one reports "idle half day each week first half of 1905 owing to high price of cotton and slight falling off in business;" one reports "idle 7 days repairs and holidays;" one reports "2½ days shortage of cotton;" one reports "44 days for repairs;" one reports "5 holidays;" two report "not idle."

## Woolen and Worsted Cassimeres.

One plant reports "idle 3 months due to making change in firm, also on account of high prices of wool and lack of orders. Plant has not been running full force of men;" one reports "one mill idle 64 days, one mill idle 18 days on account of dull season;" one reports "idle two weeks installing new boiler;" one reports "not idle."

## Woolen and Worsted Fabrics.

One plant reports "idle 40 days lack of orders;" six report "not idle."

## Woolen and Worsted Yarns.

One plant reports "idle 22 days cleaning boilers and holidays;" one reports "about one-half the year on account of dull trade caused by the high price of wool;" one reports "part of our plant was idle a few weeks for repairs;" one reports "some departments were idle a few days at different times owing to poor business;" one plant reports "a few days for repairs;" one reports "legal holidays;" three report "not idle."



## Rugs, Yarns, Etc.

One plant reports "not idle except for stock taking;" one reports "depression in ingrain carpets during whole year decreasing production;" one reports "occasionally for repairs;" one reports "not idle."

## Carpet Yarns.

One plant reports "idle two weeks lack of business;" one reports "idle only holidays;" one reports "44 days dull business;" one reports "45 days lack of orders;" one reports "only a day or two;" one reports "44½ days holidays and short time caused by dull trade;" one reports "we ran part of mill on short time a great part of year;" one reports "not idle."

## Cotton Yarns.

One plant reports "idle holidays and break-down;" one reports "5 holidays, 4½ days fire, 3 days repairs;" two report "not idle."

## Worsted Woolen and Cotton Yarns.

One plant reports "not idle except for repairs;" one reports "holidays and Sundays;" one reports "8 weeks building addition to engine house and store;" one reports "30 days dull trade;" one reports "5 days for repairs;" one reports "not idle."

## Woolen Blankets, Flannels, Etc.

One plant reports "idle 7 days enlarging power plant and inspection of boiler;" one reports "full time whole year."

## Lace Goods.

Two plants report "not idle."

## Upholstery Goods.

One plant reports "idle 8 days stock taking;" one plant reports "a day or two for stock taking and repairs;" one reports 49 days no business and 9 holidays;" two report "not idle."

## Knit Goods and Underwear.

One plant reports "idle two months for want of orders;" one reports "repairs and holidays;" six report "not idle."

## Hosiery.

One plant reports "for repairs only;" one reports "only holidays;" thirteen report "not idle."

## Silk Ribbons.

One plant reports "idle 14 days inventory and holidays;" two report "not idle."

## COMMENTS ON TRADE CONDITIONS FOR 1905—1896 COMPARATIVE SERIES.

### Tool Steel.

Three plants represented and report trade conditions "good."

### Iron and Steel Forgings.

Two plants report trade conditions "good;" five plants make no comment.

### Malleable Iron.

One plant reports conditions "good;" one plant reports "favorable conditions at present;" two plants make no comment.

### Bolts, Nuts, Etc.

Two plants report conditions "fair;" one reports "first six months fair, balance of year good;" one reports "we are hoping for continued prosperity;" three make no comment.

### Wire Nails, Rivets, Etc.

One plant reports conditions "good;" two make no comment.

### Tacks and Small Nails.

Three plants make no comment on trade conditions.

### Wire.

One plant reports conditions "orders large, collections good;" one plant reports conditions "very bad;" one plant reports conditions "exceedingly good;" one reports conditions "excellent, orders large, collections good."

### Wire Rope.

Two plants make no comment on trade conditions.

### Wire Goods.

Five plants make no comment on trade conditions.

### Wagon and Carriage Axles and Springs.

Four plants make no comment on trade conditions.

### Scales, Etc.

One plant reports conditions "good;" two plants make no comment.

## Stoves, Ranges, Heaters, Etc.

Five plants report trade conditions "good;" one "very good;" one reports "very satisfactory, best in our experience;" one reports "labor union very aggressive and unreasonable;" one reports "trade good and prospects bright;" one reports "prospects for good trade never better;" two report conditions "fair;" one reports "prospects good for 1906;" one reports "good sales, collections and promising labor outlook for 1906;" twelve make no comment on trade conditions.

## Bath Boiler Tanks, Etc.

One plant reports conditions "very bright;" two plants make no comment.

## Hardware Specialties.

Three plants report trade conditions "good;" one reports conditions "satisfactory;" one reports condition "good at present;" one reports "prospects favorable;" five make no comment.

## Edge Tools.

One plant reports trade conditions "good;" one reports conditions "fair;" two report conditions "very good;" one reports conditions "fairly good;" one reports "business very light;" four plants make no comment.

## Wrenches, Picks, Etc.

One plant reports trade conditions "good;" one reports conditions "first rate;" one reports conditions "values fair, prices lower than last year;" two plants make no comment.

## Locomotives and Cars Built and Repaired.

Three plants make no comment on trade conditions.

## Wrought Iron Pipe and Tubes.

One plant reports trade conditions "fairly good, prices on finished product poor;" four plants make no comment.

## Cast Iron Pipe.

One plant reports trade conditions "good;" two plants make no comment.

## Brass, Copper and Bronze Goods.

Three plants report trade conditions "good;" one plant reports conditions "normal;" one reports "good volume of business, keen competition, small profits;" one reports "prospects good for a year;"

one reports "our export trade is increasing;" eleven plants make no comment.

#### Iron and Steel Bridges.

One plant reports trade conditions "very good;" one reports conditions "fair;" five plants make no comment.

#### Locomotives, Stationary, Engines, Etc.

One plant reports trade conditions "good except during October and November;" one reports "very good;" one reports "improvement during year;" seven plants make no comment.

#### Engines, Boilers, Etc.

Two plants report trade conditions "good;" one reports conditions "fair;" one reports "1906 seems to be opening well;" five plants make no comment.

#### Car Springs, Axles and Railway Supplies.

Two plants report trade conditions "great improvement over 1904;" one reports "very good at this time;" one reports "we find business restricted by trouble in the coal fields;" five plants make no comment.

#### Iron Vessels and Engines.

One plant reports trade conditions "fair;" two plants make no comment.

#### Boilers, Tanks, Stacks, Etc.

Five plants report trade conditions "good;" one reports "closed greater part of year, keen competition;" one reports conditions "fair;" one reports "average amount of work, prices low;" one reports "better than last year at this time;" one reports "very bright for 1906;" ten plants make no comment.

#### Machinery.

Three plants report trade conditions "good;" two report conditions "fair;" one reports "about same as last year;" one reports "very active in latter part of year;" one reports "prospects good for 1906;" eleven plants make no comment.

#### Foundries and Machine Shops.

Five plants report trade conditions "good;" one plant reports "very poor at present;" one reports "outlook promising;" one reports "very favorable;" one reports "bright outlook, present conditions good;" one reports "1905 was the best we ever had, prospects very

good for 1906;" one reports "good, unusual competition and low prices;" thirteen plants make no comments.

#### Wire, Etc.

One plant reports trade conditions "good;" one plant makes no comment.

#### Saws.

One plant reports trade conditions "good;" two plants make no comment.

#### Plumbers' Supplies.

Three plants make no comment on trade conditions.

#### Electrical Supplies.

One plant reports trade conditions "expect a good year, the present outlook is encouraging, unsettled condition of building trades disturbed our business during the year prior to May, 1905;" two plants make no comment.

#### Shovels, Spades, Scoops, Etc.

One plant reports trade conditions "good;" one plant reports conditions "fair;" one reports "strong competition;" five plants make no comment.

#### Safes and Vault Doors.

One plant reports trade conditions "good;" one plant makes no comment.

#### Metal and Metal Goods.

One plant reports trade conditions "good;" two plants make no comment.

#### Building and Structural Iron Work.

One plant reports trade conditions "good;" one plant makes no comment.

#### Iron Chains.

Three plants report "outlook good;" one reports conditions "excellent;" one makes no comment.

#### Iron Fences and Railings.

One plant reports trade conditions "bright;" one reports conditions "fairly good;" five make no comment.

#### Agricultural Implements.

Two plants report trade conditions "good;" one reports "very favorable outlook;" seven plants make no comment.



### Steam Pumps.

One plant reports trade conditions "good;" one plant makes no comment.

### Pianos and Organs.

One plant reports conditions "good at this time, business is done on close margin."

### Tinware.

Five plants make no comment on trade conditions.

### Paper Manufactories.

One plant reports trade conditions "very good;" one reports "poor year;" two report "good during 1905;" one reports "good. prices a trifle higher on raw material and labor, as to selling price, small advance on some lines, others about average;" three plants make no comment.

### Wall Paper.

Two plants make no comment on trade conditions.

### Cigars.

Five plants report trade conditions "good;" three plants report conditions "fair;" one plant reports conditions "good, do not push business much on account of uncertainties;" one plant reports conditions "very good;" one reports "prospects good for an increase over 1905;" one plant reports conditions "unfavorable on account of trust forcing up prices on material;" one reports conditions "very poor as indicated by this report;" one reports conditions "dull;" one plant reports conditions "unsatisfactory on account of advance in price of raw material and the difficulty of advancing prices of finished product;" twenty-three make no comment.

### Book Binding.

One plant reports trade conditions "good, better than 1904;" two plants make no comment.

### Cordage, Rope and Twine.

One plant reports trade conditions "very good;" one reports conditions "fair;" three plants make no comment.

### Paper, Paper Boxes, Envelopes, Etc.

Seven plants report trade conditions "good;" one plant reports conditions "very satisfactory;" one plant reports "best ever;" two reports "not very active;" fifteen plants make no comment.

### Pottery.

One plant reports trade conditions "selling price inclination down-



ward, cost of producing inclination higher;" one plant makes no comment.

#### Paving Brick.

One plant reports trade conditions "fair, competition sharp;" one reports conditions "very encouraging;" one reports condition "good;" one reports conditions "good, never better;" one reports conditions "steady but not brisk;" two plants make no comment.

#### Building Brick.

Eight plants report trade conditions "good;" one plant reports conditions "prosperous year and favorable for coming year;" one plant reports "prospects good;" one plant reports "future looks good;" one plant reports "slow just six months, good for balance of year;" one plant reports "best in our history;" one plant reports "very good prospects;" twelve plants make no comment.

#### Fire Brick.

Two plants report trade conditions "good;" one plant reports conditions "improving;" one reports conditions "normal;" one reports "prices very low, demand light;" one reports "prospects good;" one reports "second quarter very slow, balance of year good;" nine plants make no comment.

#### Slate Roofing, Etc., Tonnage.

One plant reports trade conditions "fair 1905;" one reports "prices dropped considerably;" one reports "bright outlook for coming year 1906;" one reports "dull first half, bright second half;" one reports "trade not as good as 1904;" one plant reports "conditions in 1905 as compared with 1904 about the same, if any difference a slight depression in volume of business, with a tendency to lower prices for product and higher prices for labor."

#### Slate Roofing, Etc., Squares.

One plant reports conditions "spasmodic;" two plants report conditions "fair;" two plants report conditions "medium;" two plants report conditions "good;" one plant reports conditions "only fair in 1905;" one plant reports "conditions not as good as 1904;" one plant reports "prices not as high as 1904;" one plant reports "about the same as 1904;" one reports "dull, prospects uncertain;" two plants make no comment.

#### Window Glass, Bottles and Table Goods.

One plant reports trade conditions "good;" one reports conditions

"better than 1904;" one reports conditions "favorable for big increase;" one reports conditions "satisfactory;" one reports "active demand;" one reports "sharp competition, uneven market;" one plant reports "crowded by over-production;" one reports "trade slow;" one reports "trade very poor at present;" eleven plants make no comment.

#### Glazed and Chrome Kid.

Two plants report trade conditions "good;" one plant reports conditions "very good;" two plants make no comment.

#### Men's, Women's, Misses' and Children's Shoes.

Four plants report trade conditions "good;" one plant reports conditions "prospects are good for 1906;" one plant reports "outlook for large trade good unless labor conditions become disturbing;" one reports "general trade is very good as far as we can see;" five plants make no comment.

#### Suspenders.

Two plants make no comments on trade conditions.

#### Hats and Caps.

One plant reports "outlook for 1906 far ahead of 1905;" two plants make no comment.

#### Fur and Felt Hats.

One plant reports trade conditions "fair;" four plants make no comment.

#### Wool Hats.

One plant reports trade conditions "not good;" one reports "dull at present;" one reports "wool too high in price;" three make no comment.

#### Umbrellas and Parasols.

One plant reports trade conditions "bad;" one reports "somewhat better than 1904, still suffering from unsettled conditions;" two plants make no comment.

#### Dress Trimmings, Braids, Etc.

One plant reports trade conditions "goods in good demand;" seven plants make no comment.

#### Shirts and Shirt Waists.

Two plants report trade conditions "good;" one plant reports "very good;" one reports "fair;" one reports "very favorable at present, bright outlook for the future;" three plants make no comment.

## Neckwear.

Three plants make no comment on trade conditions.

## Cotton and Woolen Cloths.

Three plants report trade conditions "good;" two report "fair;" one reports "good and outlook exceedingly bright;" one reports "indications point to good business;" one "trade satisfactory, labor scarce;" one reports "poor on account of great demand for worsteds;" one reports "good but competition too keen;" eight plants make no comment.

## Carpets.

One plant reports trade conditions "fair;" one plant reports "more promising than for two years;" one reports "bad business in our line;" one reports "the worst year in every respect for the manufacture of ingrain carpet;" one reports "business fair, cotton too high;" one reports "general dullness in ingrain trade;" one reports conditions "very good;" nine plants make no comment.

## Cotton Goods.

Two plants report trade conditions "good;" two report "fair;" one reports "better than in 1904;" one reports "trade excellent last two years and is now good;" one reports "good and fair ahead;" one reports "at present advance in yarns has been too great, 1905 was a satisfactory year, prices of yarns very much against business;" one reports "if cotton holds high and steady it will be good for trade;" four plants make no comment.

## Woolen and Worsted Cassimeres.

One plant reports trade conditions "prospects are fairly good for next season;" one reports "high cost of raw material make buyers cautious and trade is thereby restricted;" eight plants make no comment.

## Woolen and Worsted Fabrics.

One plant reports trade conditions "good;" one reports "fair;" one reports conditions "very good;" one reports "outlook normal;" nine plants make no comment.

## Woolen and Worsted Yarns.

One plant reports trade conditions "generally fair;" one plant reports "poor;" one reports "outlook good;" one reports "trade is in a fairly healthy state;" seven plants make no comment.

### Rugs, Yarns, Etc.

One plant reports trade conditions "not up to former average;" three plants make no comment.

### Carpet Yarns.

Two plants report trade conditions "good;" one reports "fair;" one reports "price of wool too high for any profit;" one reports "not favorable to small manufacturers;" one reports "our business has been intimately connected with the ingrain carpet business which has been extremely dull;" one reports "business has been very dull owing to the advance in the price of raw material and decrease in price of manufactured product;" three plants make no comment.

### Cotton Yarns.

One plant reports trade conditions "very good;" five plants make no comment.

### Worsted Woolen and Cotton Yarns.

One plant reports trade conditions "fair;" one reports "good;" one reports conditions "very much improved;" one reports "raw stock too high for our line;" four plants make no comment.

### Woolen Blankets, Flannels, Etc.

One plant reports trade conditions "very good;" one reports "fair;" one reports "blanket business very bad;" one reports "good, but healthy business somewhat deterred owing to high price of wool;" one plant makes no comment.

### Lace Goods.

One plant reports "conditions look better for 1906;" two plants make no comment.

### Upholstery Goods.

Two plants report trade conditions "good;" one plant reports "our line not very good;" four plants make no comment.

### Knit Goods, Underwear.

Two plants report trade conditions "fair;" one reports conditions "good;" one reports conditions "medium;" one reports "raw material too high for finished product;" seven plants make no comment.

### Hosiery.

Six plants report trade conditions "good;" one plant reports "very

busy entire year;" one reports "fair;" one reports "satisfactory;" one reports "good, fair;" one reports "but for the gambling in cotton conditions would be satisfactory;" one reports "excellent;" one reports "very good;" one reports conditions "medium;" one reports "trade was against me this year;" thirteen plants make no comment.

Silk Broad Goods, Thown Silk Yarns.

Five plants make no comment on trade conditions.

Silk Broad Goods and Ribbons.

Two plants make no comments on trade conditions.

Silk Ribbons.

One plant reports trade conditions "fair;" one plant reports "prices fair, demand good and outlook promising;" one reports "broad silk very poor, ribbons moderate."



## 1896 COMPARATIVE SERIES—LABOR SUPPLEMENT.

## Tool Steel.

Total number of companies considered, .....	3
Number of employes who own their own homes, .....	5
Average rent paid per annum, .....	\$120
Average working hours per week, .....	55
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	56
1 Establishment worked per week (hours), .....	48
Nationality of employes reported, total number, .....	42
Americans, .....	42

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## Iron and Steel Forgings.

Total number of companies considered, .....	7
Number of companies reporting, .....	5
Number of companies out of business, .....	2
Number of employes who own their own homes, .....	3
Average rent paid per annum, .....	\$60
Average working hours per week, .....	57
2 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	55
1 Establishment worked per week (hours), .....	54
Nationality of employes reported, total number, .....	226
Nationality of employes and number of each as follows:	
Americans, .....	127
Germans, .....	30
Irish, .....	35
Italians, .....	30
Bohemians, .....	4

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## Malleable Iron.

Total number of companies considered, .....	4
Number of companies reporting, .....	3
Average working hours per week, .....	59
2 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	57

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## Bolts, Nuts, Etc.

Total number of companies considered, .....	7
Number of companies reporting, .....	7



Number of employes who own their own homes, . . . . .	3
Average rent paid per annum, . . . . .	\$120
Average working hours per week, . . . . .	57
3 Establishments work per week (hours), . . . . .	60
1 Establishment worked per week (hours), . . . . .	59
1 Establishment worked per week (hours), . . . . .	58
1 Establishment worked per week (hours), . . . . .	55
1 Establishment worked per week (hours), . . . . .	50
Nationality of employes reported, total number, . . . . .	133
Nationality of employes and number of each as follows:	
Americans, . . . . .	49
Germans, . . . . .	65
Polanders, . . . . .	1
Italians, . . . . .	9
Hungarians, . . . . .	9

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Wire Nails, Rivets, Etc.

1 Establishment worked per week (hours), . . . . .	55
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Tacks and Small Nails.

Total number of companies considered, . . . . .	3
Number of companies reporting, . . . . .	3
Number of employes who own their own homes, . . . . .	1
Average rent paid per annum, . . . . .	\$144
Average working hours per week, . . . . .	59
1 Establishment worked per week (hours), . . . . .	58
1 Establishment worked per week (hours), . . . . .	57
1 Establishment worked per week (hours), . . . . .	56
Nationality of employes and number as follows:	
Americans, . . . . .	145

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Wire.

Total number of companies considered, . . . . .	5
Number of companies reporting, . . . . .	4
Number of companies out of business, . . . . .	1
Number of employes who own their own homes, . . . . .	13
Average rent paid per annum, . . . . .	\$150
Highest rent per annum given, . . . . .	\$180
Lowest rent per annum given, . . . . .	\$120
Average working hours per week, . . . . .	57
1 Establishment worked per week (hours), . . . . .	60
2 Establishments work per week (hours), . . . . .	55
Nationality of employes reports, total, . . . . .	218

## Nationalities of employes and number as follows:

Americans, .....	147
English, .....	3
Germans, .....	6
Irish, .....	6
Poles, .....	22
Italians, .....	25
Hungarians, .....	9

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## Wire Rope.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
Number of employes who own their own homes, .....	61
Average rent paid per annum, .....	\$119
Highest rent per annum given, .....	\$138
Lowest rent per annum given, .....	\$100
Average working hours per week, .....	60
1 Establishment worked per week (hours), .....	60
Nationality of employes reported, total number, .....	438

## Nationalities and number of each as follows:

Americans, .....	163
English, .....	10
Germans, .....	138
Irish, .....	70
Polanders, .....	2
Welsh, .....	28
Russians, .....	3
Swedes, .....	1
Austrians, .....	19
Assyrians, .....	3
Lithuanians, .....	1

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## Wire Goods.

Total number of companies considered, .....	5
Number of companies reporting, .....	4
Average working hours per week, .....	59
2 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	58
Nationality of employes reported, total number, .....	107
Nationalities and number of each as follows:	
Americans, .....	89
Italians, .....	18

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## Wagon and Carriage Axles and Springs.

Total number of companies considered, .....	5
Number of companies reporting, .....	4
Number of companies not in operation, .....	1
Number of employes who own their own homes, .....	3
Average rent paid per annum, .....	\$168
Average working hours per week, .....	\$58
1 Establishment worked per week (hours), .....	\$60
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	58
1 Establishment worked per week (hours), .....	55
Nationality of employes reported total number, .....	77
Nationalities and number of each as follows:	
Americans, .....	66
Germans, .....	8
Irish, .....	2
Russians, .....	1

## Scales.

Total number of companies considered, .....	3
Number of companies reporting, .....	2
Average house rent paid per annum, .....	\$198
Highest rent per annum given, ....	\$216
Lowest rent per annum given, .....	\$180
Average working hours per week, .....	59
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	58
Nationality of employes reported, total number, .....	205
Nationalities and number of each as follows:	
Americans, .....	120
Germans, .....	85

## Stoves, Ranges, Heaters, Etc.

Total number of companies considered, .....	29
Number of companies reporting, .....	25
Number of companies out of business, .....	1
Number of employes who own their own homes, .....	175
Average rent paid per annum, .....	\$148
Highest rent per annum given, .....	\$216
Lowest rent per annum given, .....	\$96
Average working hours per week, .....	58
15 Establishments worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	58

1 Establishment worked per week (hours), .....	55
2 Establishment work per week (hours), .....	54
1 Establishment worked per week (hours), .....	53
2 Establishments work per week (hours), .....	48
Nationality of employes reported, total number, .....	916
Nationalities and number of each as follows:	
Americans, .....	674
English, .....	3
Germans, .....	6
Irish, .....	9
Polanders, .....	9
Italians, .....	62
Hungarians, .....	88
Russians, .....	56
Swedes, .....	4
Austrians, .....	5

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#### Baths, Boilers, Tanks, Etc.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
Number of employes who own their own homes, .....	5
Average rent paid per annum, .....	\$150
Highest rent per annum given, .....	\$180
Lowest rent per annum given, .....	\$120
Average working hours per week, .....	59
2 Establishments work per week (hours), .....	59
Nationality of employes reports, total number, .....	45
Nationalities and number of each as follows:	
Americans, .....	25
Germans, .....	5
Irish, .....	12
Italians, .....	3

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#### Hardware Specialties.

Total number of companies considered, .....	13
Number of companies reporting, .....	11
Number of companies out of business, .....	1
Number of employes who own their own homes, .....	62
Average rent paid per annum, .....	\$173
Highest rent per annum given, .....	\$192
Lowest rent per annum given, .....	\$120
Average working hours per week, .....	58
5 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59

2 Establishments work per week (hours), .....	57
1 Establishment worked per week (hours), .....	56
1 Establishment worked per week (hours), .....	55
1 Establishment worked per week (hours), .....	53
Nationality of employes reported, total number, ....	1,966

Nationalities and number of each as follows:

Americans, .....	1,886
Germans, .....	42
Irish, .....	27
Polanders, .....	5
Italians, .....	3
Russians, .....	3

#### Edge Tools.

Total number of companies considered, .....	12
Number of companies reporting, .....	11
Number of companies not in operation, .....	1
Number of employes who own their own homes, .....	29
Average rent paid per annum, .....	\$142
Highest rent per annum given, .....	\$192
Lowest rent per annum given, .....	\$66
Average working hours per week, .....	58
1 Establishment worked per week (hours), .....	90
2 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	58
1 Establishment worked per week (hours), .....	54
1 Establishment worked per week (hours), .....	53
1 Establishment worked per week (hours), .....	52
1 Establishment worked per week (hours), .....	50
1 Establishment worked per week (hours), .....	48
Nationality of employes reported, total number, .....	816

Nationalities and number of each as follows:

Americans, .....	680
English, .....	1
Germans, .....	41
Irish, .....	8
Scotch, .....	4
Swedes, .....	51
Italians, .....	3
Hungarians, .....	2
French, .....	3
Swedes, .....	11



Negroes, .....	8
Ichuanians, .....	3
Norwegians, .....	1

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#### Wrenches, Picks, Etc.

Total number of companies considered, .....	5
Number of companies reporting, .....	5
Number of employes who own their own homes, .....	28
Average rent paid per annum, .....	\$132
Highest rent per annum given, .....	\$192
Lowest rent per annum given, .....	\$72
Average working hours per week, .....	59
1 Establishment worked per week (hours), .....	70
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	57
2 Establishments work per week (hours), .....	54
Nationality of employes reported, total number, .....	359
Nationalities and number of each as follows:	
Americans, .....	263
English, .....	3
Germans, .....	44
Irish, .....	7
Scotch, .....	4
Polanders, .....	7
Hungarians, .....	26
Russians, .....	3
French, .....	1
Belgians, .....	1

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#### Locomotives and Cars Built and Repaired.

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	1,204
Average rent paid per annum, .....	\$192
Highest rent per annum given, .....	\$216
Lowest rent per annum given, .....	\$180
Average working hours per week, .....	55
3 Establishments work per week (hours), .....	55
Nationality and number of employes not given.	

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#### Cast Iron Pipe.

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Average working hours per week, .....	57



1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	57
1 Establishment worked per week (hours), .....	54
Nationality of employes reported, total number, .....	575
Nationalities and number of each as follows:	
Americans, .....	455
Slavonians, .....	120

## Wrought Iron Pipe and Tubes.

Total number of companies considered, .....	5
Number of companies reporting, .....	4
Number of companies not in operation, .....	1
Number of employes who own their own homes, .....	438
Average rent paid per annum, .....	\$124
Highest rent per annum given, .....	\$156
Lowest rent per annum given, .....	\$92
Average working hours per week, .....	66
4 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	5,832
Nationalities and number of each as follows:	
Americans, .....	2,259
English, .....	124
Germans, .....	297
Irish, .....	139
Scotch, .....	91
Polanders, .....	319
Italians, .....	142
Hungarians, .....	627
Slavonians, .....	501
Welsh, .....	11
Russians, .....	86
French, .....	5
Swedes, .....	211
Austrians, .....	298
Negroes, .....	10
Magyars, .....	193
Hebrews, .....	96
Croatians, .....	60
Servians, .....	32
Romanians, .....	12
Swiss, .....	7
Howarts, .....	287
Norwegians, .....	3
Prussians, .....	12

## Brass, Copper and Bronze Goods.

Total number of companies considered, .....	18
Number of companies reporting, .....	18
Number of employes who own their own homes, .....	27
Average rent paid per annum, .....	\$186
Highest rent per annum given, .....	\$250
Lowest rent per annum given, .....	\$144
Average working hours per week, .....	56
3 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	58
2 Establishments work per week (hours), .....	56
6 Establishments work per week (hours), .....	55
4 Establishments work per week (hours), .....	54
Nationality of employes reported, total number, .....	1,253
Nationalities and number of each as follows:	
Americans, .....	1,100
English, .....	35
Germans, .....	52
Irish, .....	27
Scotch, .....	29
Polanders, .....	8
Welsh, .....	2

## Iron and Steel Bridges.

Total number of companies considered, .....	7
Number of companies reporting, .....	7
Number of employes who own their own homes, .....	69
Average rent paid per annum, .....	\$120
Average working hours per week, .....	56
1 Establishment worked per week (hours), .....	60
4 Establishments work per week (hours), .....	55
2 Establishments work per week (hours), .....	54
Nationality of employes reported, total number, .....	250
Nationality and number of each as follows:	
Americans, .....	250

## Locomotives, Stationary Engines, Etc.

Total number of companies considered, .....	10
Number of companies reporting, .....	10
Number of employes who own their own homes, .....	139
Average rent paid per annum, .....	\$117

Highest rent per annum given, .....	\$168
Lowest rent per annum given, .....	\$84
Average working hours per week, .....	57
1 Establishment worked per week (hours), .....	62
2 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	56
4 Establishments work per week (hours), .....	55
1 Establishment worked per week (hours), .....	54
Nationality of employes reported, total number, .....	468
Nationalities and number of each as follows:	
American, .....	457
Irish, .....	10
Hungarians, .....	1

## Engines, Boilers, Etc.

Total number of companies considered, .....	10
Number of companies reporting, .....	7
Number of companies out of business, .....	1
Number of employes who own their own homes, .....	247
Average rent paid per annum, .....	\$142
Highest rent per annum given, .....	\$162
Lowest rent per annum given, .....	\$112
Average working hours per week, .....	60
1 Establishment worked per week (hours), .....	71
2 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	58
Nationality of employes reported, total number, .....	808
Nationalities and number of each as follows:	
Americans, .....	544
English, .....	14
Germans, .....	90
Irish, .....	75
Scotch, .....	4
Italians, .....	5
Hungarians, .....	30
Russians, .....	7
French, .....	2
Swedes, .....	8
Austrians, .....	24
Canadians, .....	5

## Cars, Springs, Axles and Railway Supplies.

Total number of companies considered, .....	9
Number of companies reporting, .....	8
Number of employes who own their own homes, .....	24
Average rent paid per annum, .....	\$125
Highest rent per annum given, .....	\$200
Lowest rent per annum given, .....	\$84
Average working hours per week, .....	59
6 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	55
Nationality of employes reported, total number, .....	1,111
Nationalities and number of each as follows:	
Americans, .....	1,012
Germans, .....	50
Irish, .....	19
Scotch, .....	20
Italians, .....	10

## Iron Vessels and Engines,

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	90
Average working hours per week, .....	55½
1 Establishment worked per week (hours), .....	56
1 Establishment worked per week (hours), .....	55
Nationality of employes reported, total number, .....	317
Nationalities and number of each as follows:	
Americans, .....	220
English, .....	15
Germans, .....	6
Polanders, .....	1
Italians, .....	65
Hungarians, .....	1
Prussians, .....	1
Swedes, .....	6
Austrians, .....	2

## Boilers, Tanks, Stacks, Etc.

Total number of companies considered, .....	20
Number of companies reporting, .....	18
Number of employes who own their own homes, .....	172
Average rent paid per annum, .....	\$160

Highest rent per annum given, .....	\$240
Lowest rent per annum given, .....	\$100
Average working hours per week, .....	57
5 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	59
2 Establishments work per week (hours), .....	58
1 Establishment worked per week (hours), .....	57
6 Establishments work per week (hours), .....	54
1 Establishment worked per week (hours), .....	52
Nationality of employes reported, total number, .....	2,251
Nationalities and number of each as follows:	
Americans, .....	1,629
English, .....	35
Germans, .....	219
Irish, .....	73
Polanders, .....	238
Italians, .....	46
Hungarians, .....	2
Slavonians, .....	3
French, .....	1
Swedes, .....	4
Norwegians, .....	1

## Machinery.

Total number of companies considered, .....	18
Number of companies reporting, .....	16
Number of employes who own their own homes, .....	144
Average rent paid per annum, .....	\$132
Highest rent per annum given, .....	\$180
Lowest rent per annum given, .....	\$108
Average working hours per week, .....	57
1 Establishment worked per week (hours), .....	66
3 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
2 Establishments work per week (hours), .....	58
2 Establishments work per week (hours), .....	56
2 Establishments work per week (hours), .....	55
5 Establishments work per week (hours), .....	54
Nationality of employes reported, total number, .....	1,104
Nationalities and number of each as follows:	
Americans, .....	1,066
English, .....	2
Germans, .....	6
Irish, .....	3



Italians, .....	6
Swedes, .....	7
Swiss, .....	1
Norwegians, .....	7
Finlanders, .....	4
Danes, .....	2

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### Foundries and Machine Shops.

Total number of companies considered, .....	25
Number of companies reporting, .....	24
Number of employes who own their own homes, .....	240
Average rent paid per annum, .....	\$140
Highest rent per annum given, .....	\$192
Lowest rent per annum given, .....	\$90
Average working hours per week, .....	57
6 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	59
1 Establishment worked per week (hours), .....	58
1 Establishment worked per week (hours), .....	56
1 Establishment worked per week (hours), .....	55
9 Establishments work per week (hours), .....	54
Nationality of employes reported, total number, .....	3,032
Nationalities and number of each as follows:	
Americans, .....	1,834
English, .....	121
Germans, .....	257
Irish, .....	161
Scotch, .....	13
Polanders, .....	111
Italians, .....	191
Hungarians, .....	199
Slavonians, .....	15
Welsh, .....	1
Russians, .....	22
French, .....	3
Swedes, .....	1
Austrians, .....	103

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### Files, Etc.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
Number of employes who own their own homes, .....	3
Average rent paid per annum, .....	\$216
Average working hours per week, .....	57



1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	55
Nationality of employes reported, total number, .....	18
Nationalities and number of each as follows:	
Americans, .....	15
English, .....	1
Germans, .....	2

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Saws.

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	13
Average house rent not given.	
Average working hours per week, .....	51
2 Establishments work per week (hours), .....	54
1 Establishment worked per week (hours), .....	45
Nationality of employes, total number, .....	54
Nationalities and number of each as follows:	
Americans, .....	52
Swedes, .....	2

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Plumbers' Supplies.

Total number of companies considered, .....	3
Number of companies reporting, .....	2
Average working hours per week, .....	55
2 Establishments work per week (hours), .....	55
Nationality not given.	
Average house rent not given.	

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Electric Supplies.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
Average working hours per week, .....	56½
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	54
Average house rent not given.	
Nationality and number of each as follows:	
Americans, .....	23

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Shovels, Spades, Scoops, Etc.

Total number of companies considered, .....	7
Number of companies reporting, .....	7
Number of employes who own their own homes, .....	60

Average rent paid per annum, .....	144
Highest rent per annum given, .....	180
Lowest rent per annum given, .....	120
Average working hours per week, .....	57
3 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	58
2 Establishments work per week (hours), .....	55
1 Establishment worked per week (hours), .....	50
Nationality of employes reported, total number, .....	689
Nationalities and number of each as follows:	
Americans, .....	533
English, .....	4
Germans, .....	75
Irish, .....	24
Polanders, .....	24
Italians, .....	26
Swedes, .....	3

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#### Safes and Vault Doors.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
Average rent paid per annum, .....	\$204
Average working hours per week, .....	60
2 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	16
Nationalities and number of each as follows:	
Americans, .....	4
Germans, .....	12

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#### Metal and Metallic Goods.

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	3
Average rent paid per annum, .....	\$126
Highest rent per annum given, .....	\$150
Lowest rent per annum given, .....	\$102
Average working hours per week, .....	55
1 Establishment worked per week (hours), .....	58
2 Establishments work per week (hours), .....	53
Nationality of employes reported, total number, .....	126
Nationalities and number of each as follows:	
Americans, .....	90
Germans, .....	4
Irish, .....	32

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## Building and Structural Iron Work.

Total number of companies considered, .....	2
Number of companies reporting, .....	1
Average working hours per week, .....	54
1 Establishment worked per week (hours), .....	54
Average house rent not given.	
Nationalities not given.	

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Iron Chains.

Total number of companies considered, .....	6
Number of companies reporting, .....	6
Number of employes who own their own homes, .....	45
Average rent paid per annum, .....	\$180
Average working hours per week, .....	52
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	55
1 Establishment worked per week (hours), .....	50
2 Establishments work per week (hours), .....	47
Nationality of employes reported, total number, .....	533
Nationalities and number of each as follows:	
Americans, .....	406
English, .....	50
Germans, .....	20
Irish, .....	14
Polanders, .....	7
Scotch, .....	5
Austrians, .....	30
Negroes, .....	1

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Iron Fences and Railings.

Total number of companies considered, .....	7
Number of companies reporting, .....	5
Number of employes who own their own homes, .....	4
Average rent paid per annum, .....	\$168
Average working hours per week, .....	56
2 Establishments work per week (hours), .....	58
2 Establishments work per week (hours), .....	54
Nationality of employes reported, total number, .....	80
Nationalities and number of each as follows:	
Americans, .....	68
Germans, .....	10
Irish, .....	1
Negroes, .....	1

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## Agricultural Implements.

Total number of companies considered, .....	10
Number of companies reporting, .....	10
Number of employes who own their own homes, .....	7
Average rent paid per annum, .....	\$150
Highest rent per annum given, .....	\$156
Lowest rent per annum given, .....	\$144
Average working hours per week, .....	59
1 Establishment worked per week (hours), .....	65
1 Establishment worked per week (hours), .....	62
3 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	55
1 Establishment worked per week (hours), .....	54
Nationality of employes reported, total number, .....	1,664
Nationalities and number of each as follows:	
Americans, .....	1,662
Irish, .....	2

## Steam Pumps.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
Number of employes who own their own homes, .....	24
Average house rent not given.	
Average working hours per week, .....	55
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	50
Nationality of employes reported, total number, .....	185
Nationalities and number of each as follows:	
Americans, .....	60
Germaus, .....	95
Hungarians, .....	30

## Pianos and Organs.

Total number of companies, .....	2
Number of companies reporting, .....	2
Average working hours per week, .....	54
2 Establishments work per week (hours), .....	54
Average house rent not given.	
Nationality of employes reported, total number, .....	162
Nationality and number of each as follows:	
Americans, .....	162

## Tinware.

Total number of companies considered, .....	5
Number of companies reporting, .....	5
Average working hours per week, .....	57
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
2 Establishments work per week (hours), .....	54
Average house rent not given.	
Number of home owners not given.	
Nationalities not given.	

## Wall Paper.

Total number of companies considered, .....	3
Number of companies reporting, .....	2
Number of companies out of business, .....	1
Average working hours per week, .....	60
1 Establishment worked per week (hours), .....	60
Average house rent not given.	
Number of home owners not given.	
Nationalities not given.	

## Paper Manufactories.

Total number of companies considered, .....	8
Number of companies reporting, .....	8
Number of employes who own their own homes, .....	149
Average rent paid per annum, .....	\$87
Highest rent paid per annum, .....	\$120
Lowest rent paid per annum, .....	\$48
Average working hours per week, .....	81
1 Establishment worked per week double turn (hours), .....	144
1 Establishment worked per week double turn (hours), .....	130
1 Establishment worked per week (hours), .....	72
3 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	58
Nationality of employes reported, total number, .....	1,945
Nationalities and number of each as follows:	
Americans, .....	1,574
English, .....	2
Germans, .....	56
Irish, .....	6
Polanders, .....	300
Italians, .....	7



## Cigars.

Total number of companies considered, .....	43
Number of companies reporting, .....	38
Number of employes who own their own homes, .....	891
Average rent paid per annum, .....	\$102
Highest rent per annum given, .....	\$156
Lowest rent per annum given, .....	\$40
Average working hours per week, .....	54
3 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	58
16 Establishments work per week (hours), .....	55
2 Establishments work per week (hours), .....	56
1 Establishment worked per week (hours), .....	52
8 Establishments work per week (hours), .....	50
1 Establishment worked per week (hours), .....	46
1 Establishment worked per week (hours), .....	45
Nationality of employes reported, total number, .....	7,388
Nationalities and number of each as follows:	
Americans, .....	6,507
English, .....	5
Germans, .....	329
Irish, .....	42
Scotch, .....	13
Polanders, .....	385
Italians, .....	44
Hungarians, .....	1
Slavonians, .....	16
Russians, .....	34
Cubans, .....	2
Bohemians, .....	2
Belgians, .....	2
Mexicans, .....	1
Jews, .....	5

## Book Binding.

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	10
Average rent paid per annum, .....	\$201
Highest rent per annum given, .....	\$216
Lowest rent per annum given, .....	\$186
Average working hours per week, .....	54
3 Establishments work per week (hours), .....	54



Nationality of employes reported, total number, .....	164
Nationality and number of each as follows:	
Americans, .....	164

## Cordage, Rope and Twine.

Total number of companies, .....	5
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	29
Average rent paid per annum, .....	\$108
Highest rent per annum given, .....	\$120
Lowest rent per annum given, .....	\$96
Average working hours per week, .....	58
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	55
Nationality of employes reported, total number, .....	1,087
Nationalities and number of each as follows:	
Americans, .....	753
Germans, .....	6
Irish, .....	177
Scotch, .....	21
Polanders, .....	24
Italians, .....	1
Hungarians, .....	100
Welsh, .....	5

## Paper, Paper Boxes, Envelopes, Etc.

Total number of companies considered, .....	26
Number of companies reporting, .....	22
Number of employes who own their own homes, .....	19
Average rent paid per annum, .....	\$156
Highest rent per annum given, .....	\$216
Lowest rent per annum given, .....	\$84
Average working hours per week, .....	57
6 Establishments work per week (hours), .....	60
3 Establishments work per week (hours), .....	59
3 Establishments work per week (hours), .....	58
2 Establishments work per week (hours), .....	57
2 Establishments work per week (hours), .....	55
3 Establishments work per week (hours), .....	54
1 Establishment worked per week (hours), .....	52
1 Establishment worked per week (hours), .....	51
Nationality of employes reported, total number, .....	1,178

## Nationalities and number of each as follows:

Americans, .....	1,102
English, .....	3
Germans, .....	53
Irish, .....	3
Polanders, .....	9
Italians, .....	4
Russians, .....	1
Jews, .....	1

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## Pottery.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
Number of employes who own their own homes, .....	9
Average rent paid per annum, .....	\$96
Average working hours per week, .....	59
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	58
Nationality of employes reported, total number, .....	166
Nationalities and number of each as follows:	
Americans, .....	40
Germans, .....	3
Irish, .....	9
Hungarians, .....	55
Russians, .....	55
Austrians, .....	4

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## Paving Brick.

Total number of companies considered, .....	7
Number of companies reporting, .....	7
Number of employes who own their own homes, .....	118
Average rent paid per annum, .....	\$76
Highest rent per annum given, .....	\$96
Lowest rent per annum given, .....	\$36
Average working hours per week, .....	59
4 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	58
1 Establishment worked per week (hours), .....	56
Nationality of employes reported, total number, .....	501
Nationalities and number of each as follows:	
Americans, .....	405

Italians, .....	58
Hungarians, .....	33
Austrians, .....	5

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## Building Brick.

Total number of companies considered, .....	30
Number of companies reporting, .....	26
Number of companies not in operation, .....	1
Number of employes who own their own homes, .....	54
Average rent paid per annum, .....	\$120
Highest rent per annum given, .....	\$175
Lowest rent per annum given, .....	\$60
Average working hours per week, .....	58
12 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	58
1 Establishment worked per week (hours), .....	55
3 Establishments work per week (hours), .....	54
1 Establishment worked per week (hours), .....	52
1 Establishment worked per week (hours), .....	48
Nationality of employes reported, total number, .....	1,621
Nationalities and number of each as follows:	
Americans, .....	1,164
Germans, .....	31
Irish, .....	20
Scotch, .....	2
Polanders, .....	13
Italians, .....	222
Hungarians, .....	42
Slavonians, .....	10
Negroes, .....	117

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## Fire Brick.

Total number of companies considered, .....	17
Number of companies reporting, .....	17
Number of employes who own their own homes, .....	37
Average rent paid per annum, .....	\$102
Highest rent per annum given, .....	\$144
Lowest rent per annum given, .....	\$84
Average working hours per week, .....	58
4 Establishments work per week (hours), .....	60
3 Establishments work per week (hours), .....	59
3 Establishments work per week (hours), .....	54
Nationality of employes reported, total number, .....	1,340

## Nationalities and number of each as follows:

Americans, .....	930
Italians, .....	8
Hungarians, .....	317
Austrians, .....	85

---

## Slate Roofing, Etc., Tonnage.

Total number of companies considered, .....	6
Number of companies reporting, .....	6
Number of employes who own their own homes, .....	271
Average rent paid per annum, .....	\$93
Highest rent per annum given, .....	\$108
Lowest rent per annum given, .....	\$60
Average working hours per week, .....	56
1 Establishment worked per week (hours), .....	65
1 Establishment worked per week (hours), .....	56
2 Establishments work per week (hours), .....	55
2 Establishments work per week (hours), .....	53
Nationality of employes reported, total number, .....	800
Nationalities and number of each as follows:	
Americans, .....	446
English, .....	25
Germans, .....	25
Irish, .....	2
Italians, .....	127
Hungarians, .....	57
Welsh, .....	118

---

## Slate Roofing, Etc., Squares.

Total number of companies considered, .....	14
Number of companies reporting, .....	14
Number of employes who own their own homes, .....	467
Average rent paid per annum, .....	\$94
Highest rent per annum given, .....	\$120
Lowest rent per annum given, .....	\$66
Average working hours per week, .....	54
1 Establishment worked per week (hours), .....	60
3 Establishments work per week (hours), .....	58
4 Establishments work per week (hours), .....	55
2 Establishments work per week (hours), .....	54
3 Establishments work per week (hours), .....	50
1 Establishment worked per week (hours), .....	49
Nationality of employes reported, total number, .....	2,264

## Nationalities and number of each as follows:

Americans, .....	1,036
English, .....	571
Germans, .....	17
Irish, .....	20
Italians, .....	363
Polanders, .....	1
Hungarians, .....	10
Slavonians, .....	16
Welsh, .....	230

---

## Window Glass, Bottles and Table Goods.

Total number of companies considered, .....	20
Number of companies reporting, .....	19
Number of employes who own their own homes, .....	827
Average rent paid per annum, .....	\$131
Highest rent per annum given, .....	\$180
Lowest rent per annum given, .....	\$84
Average working hours per week, .....	55
2 Establishments work per week (hours), .....	60
3 Establishments work per week (hours), .....	59
1 Establishment worked per week (hours), .....	58
1 Establishment worked per week (hours), .....	57
3 Establishments work per week (hours), .....	55
3 Establishments work per week (hours), .....	54
1 Establishment worked per week (hours), .....	52
1 Establishment worked per week (hours), .....	51
2 Establishments worked per week (hours), .....	50
Nationality of employes reported, total number, .....	10,336

## Nationalities and number of each as follows:

Americans, .....	6,992
English, .....	140
Germans, .....	498
Irish, .....	106
Scotch, .....	8
Polanders, .....	394
Italians, .....	455
Hungarians, .....	13
Slavonians, .....	980
Welsh, .....	1
Russians, .....	13
French, .....	68
Swedes, .....	21
Austrians, .....	48



Negroes, .....	12
Roumanians, .....	1
Belgians, .....	274
Greeks, .....	307
Prussians, .....	4
Norwegians, .....	1

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#### Glazed and Chrome Kid.

Total number of companies considered, .....	7
Number of companies reporting, .....	5
Number of employes who own their own homes, .....	150
Average rent paid per annum, .....	180
Average working hours per week, .....	58
1 Establishment worked per week (hours), .....	60
2 Establishments work per week (hours), .....	59
1 Establishment worked per week (hours), .....	57
1 Establishment worked per week (hours), .....	55
Nationality of employes reported, total number, .....	1,508
Nationalities and number of each as follows:	
Americans, .....	504
Polanders, .....	1,004

---

#### Men's, Women's, Misses' and Children's Shoes.

Total number of companies considered, .....	13
Number of companies reporting, .....	11
Number of employes who own their own homes, .....	117
Average rent paid per annum, .....	\$114
Highest rent per annum given, .....	\$179
Lowest rent per annum given, .....	\$84
Average working hours per week, .....	59
4 Establishments work per week (hours), .....	60
3 Establishments work per week (hours), .....	59
3 Establishments work per week (hours), .....	58
Nationality of employes reported, total number, .....	1,925
Nationalities and number of each as follows:	
Americans, .....	1,824
English, .....	21
Germans, .....	16
Irish, .....	5
Scotch, .....	1
Italians, .....	38
Russians, .....	3



French, .....	1
Austrians, .....	3
Pomeranians, .....	18

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## Suspenders.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
No house rent given.	
Average working hours per week, .....	55
1 Establishment worked per week (hours), .....	56
1 Establishment worked per week (hours), .....	54
Nationality of employes reported, total number, .....	243
Nationality and number of each as follows:	
Americans, .....	243

---

## Hats and Caps.

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	12
Average rent paid per annum, .....	\$156
Average working hours per week, .....	59½
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
Nationality of employes reported, total number, .....	552
Nationality and number of each as follows:	
Americans, .....	552

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## Wool Hats.

Total number of companies considered, .....	6
Number of companies reporting, .....	5
Number of employes who own their own homes, .....	44
Average rent paid per annum, .....	\$112
Highest rent per annum given, .....	\$144
Lowest rent per annum given, .....	\$72
Average working hours per week, .....	60
5 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	340
Nationalities and number of each as follows:	
Americans, .....	331
Polanders, .....	9

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## Fur and Felt Hats.

Total number of companies considered, .....	4
Number of companies reporting, .....	3
No house rent given.	
Average working hours per week, .....	52
2 Establishments work per week (hours), .....	54
1 Establishment worked per week (hours), .....	48
Nationality of employes reported, total number, .....	119
Nationality and number of each as follows:	
Americans, .....	119

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## Umbrellas and Parasols.

Total number of companies considered, .....	4
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	3
Average rent paid per annum, .....	\$180
Average working hours per week, .....	60
3 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	178
Nationality and number of each as follows:	
Americans, .....	178

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## Dress Trimmings, Braids, Etc.

Total number of companies considered, .....	8
Number of companies reporting, .....	7
Number of employes who own their own homes, .....	14
Average rent paid per annum, .....	\$155
Highest rent per annum given, .....	\$190
Lowest rent per annum given, .....	\$120
Average working hours per week, .....	60
5 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	342
Nationalities and number of each as follows:	
Americans, .....	262
English, .....	14
Germans, .....	33
Irish, .....	15
Italians, .....	4
Russians, .....	11
Swedes, .....	1
Austrians, .....	2

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## Shirts and Shirt Waists.

Total number of companies considered, .....	8
Number of companies reporting, .....	7
Number of employes who own their own homes, .....	49
Average rent paid per annum, .....	\$131
Highest rent per annum given, .....	\$216
Lowest rent per annum given, .....	\$120
Average working hours per week, .....	55
1 Establishment worked per week (hours), .....	60
1 Establishment worked per week (hours), .....	57
1 Establishment worked per week (hours), .....	56
2 Establishments work per week (hours), .....	55
2 Establishments work per week (hours), .....	52
Nationality of employes reported, total number, .....	382
Nationalities and number of each as follows:	
Americans, .....	31
English, .....	34
Irish, .....	104
Scotch, .....	2
Russians, .....	207
Swedes, .....	2
Hebrews, .....	2

## Neckwear.

Total number of companies considered, .....	3
Number of companies reporting, .....	1
No house rent given.	
Average working hours per week, .....	47
1 Establishment worked per week (hours), .....	47
Nationality of employes reported, total number, .....	14
Nationality and number of each as follows:	
Americans, .....	14

## Cotton and Woolen Cloths.

Total number of companies considered, .....	20
Number of companies reporting, .....	19
Number of employes who own their own homes, .....	452
Number of companies out of business, .....	1
Average rent paid per annum, .....	\$135
Highest rent per annum given, .....	\$168
Lowest rent per annum given, .....	\$84
Average working hours per week, .....	60
17 Establishments work per week (hours), .....	60

1 Establishment worked per week (hours), .....	57
Nationality of employes reported, total number, .....	4,217
Nationalities and number of each as follows:	
Americans, .....	3,403
English, .....	199
Germans, .....	103
Irish, .....	200
Scotch, .....	33
Polanders, .....	195
Italians, .....	63
Welsh, .....	14
French, .....	2
Swedes, .....	1
Grecians, .....	4

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#### Carpets.

Total number of companies considered, .....	17
Number of companies reporting, .....	16
Number of employes who own their own homes, .....	36
Average rent paid per annum, .....	\$143
Highest rent per annum given, .....	\$144
Lowest rent per annum given, .....	\$120
Average working hours per week, .....	59
12 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	58
1 Establishment worked per week (hours), .....	55
1 Establishment worked per week (hours), .....	54
Nationality of employes reported, total number, .....	887
Nationalities and number of each as follows:	
Americans, .....	587
English, .....	49
Germans, .....	51
Irish, .....	199
Scotch, .....	1

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#### Cotton Goods.

Total number of companies considered, .....	14
Number of companies reporting, .....	13
Number of employes who own their own homes, .....	196
Number of companies not in operation, .....	1
Average rent paid per annum, .....	\$120
Highest rent per annum given, .....	\$180

Lowest rent per annum given, .....	\$82
Average working hours per week, .....	60
10 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	55
Nationality of employes reported, total number, .....	2,186
Nationalities and number of each as follows:	
Americans, .....	1,617
English, .....	171
Germans, .....	282
Irish, .....	21
Scotch, .....	1
Polanders, .....	75
Italians, .....	11
Hungarians, .....	8

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## Woolen and Worsted Cassimeres.

Total number of companies considered, .....	10
Number of companies reporting, .....	9
Number of companies not in operation, .....	1
Number of employes who own their own homes, .....	80
Average rent paid per annum, .....	\$113
Highest rent per annum given, .....	\$144
Lowest rent per annum given, .....	\$96
Average working hours per week, .....	60
8 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	55
Nationality of employes reported, total number, .....	2,358
Nationalities and number of each as follows:	
Americans, .....	1,560
English, .....	270
Germans, .....	65
Irish, .....	245
Scotch, .....	12
Polanders, .....	26
Italians, .....	50
Hungarians, .....	3
Slavonians, .....	4
Welsh, .....	2
Russians, .....	58
French, .....	40
Swedes, .....	1
Austrians, .....	15
Finlanders, .....	2



Swiss, .....	2
Canadians, .....	1
Greeks, .....	1
Belgians, .....	1

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### Woolen and Worsted Fabrics.

Total number of companies considered, .....	13
Number of companies reporting, .....	10
Number of employes who own their own homes, .....	46
Average rent paid per annum, .....	\$155
Highest rent per annum given, .....	\$192
Lowest rent per annum given, .....	\$120
Average working hours per week, .....	59
7 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	58
1 Establishment worked per week (hours), .....	57
Nationality of employes reported, total number, .....	1,082
Nationalities and number of each as follows:	
Americans, .....	957
English, .....	51
Germans, .....	19
Irish, .....	9
Polanders, .....	43
Russians, .....	1
Austrians, .....	1
Belgians, .....	1

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### Woolen and Worsted Yarns.

Total number of companies considered, .....	11
Number of companies reporting, .....	11
Number of employes who own their own homes, .....	2
Average rent paid per annum, .....	\$60
Average working hours per week, .....	58
8 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	51
1 Establishment worked per week (hours), .....	50
Nationality of employes reported, total number, .....	663
Nationalities and number of each as follows:	
Americans, .....	660
Germans, .....	1
Polanders, .....	2

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## Rugs, Yarns, Etc.

Total number of companies considered, .....	5
Number of companies reporting, .....	4
Number of companies out of business, .....	1
Number of employes who own their own homes, .....	24
Average rent paid per annum, .....	\$132
Highest rent per annum given, .....	\$144
Lowest rent per annum given, .....	\$120
Average working hours per week, .....	59
2 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	58
Nationality of employes reported, total number, .....	1,281
Nationalities and number of each as follows:	
Americans, .....	525
English, .....	525
Germans, .....	58
Irish, .....	160
Scotch, .....	13

## Cotton Yarns.

Total number of companies considered, .....	6
Number of companies reporting, .....	5
Number of employes who own their own homes, .....	8
Average rent paid per annum, .....	\$134
Highest rent per annum given, .....	\$144
Lowest rent per annum given, .....	\$120
Average working hours per week, .....	60
5 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	377
Nationalities and number of each as follows:	
Americans, .....	354
English, .....	10
Germians, .....	1
Irish, .....	1
Polanders, .....	6
Italians, .....	5

## Worsted, Woolen and Cotton Yarns.

Total number of companies considered, .....	8
Number of companies reporting, .....	8
Number of employes who own their own homes, .....	8
Average rent paid per annum, .....	\$124
Highest rent per annum given, .....	\$168

Lowest rent per annum given, .....	\$60
Average working hours per week, .....	60
8 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	896
Nationalities and number of each as follows:	
Americans, .....	757
English, .....	70
Germans, .....	3
Irish, .....	48
Polanders, .....	18

#### Woolen Blankets, Flannels, Etc.

Total number of companies considered, .....	5
Number of companies reporting, .....	4
Number of employes who own their own homes, .....	23
Average rent paid per annum, .....	\$95
Highest rent per annum given, .....	\$108
Lowest rent per annum given, .....	\$75
Average working hours per week, .....	60
4 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	821
Nationalities and number of each as follows:	
Americans, .....	448
English, .....	50
Irish, .....	25
Polanders, .....	200
Russians, .....	98

#### Lace Goods.

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	3
Average rent paid per annum, .....	\$108
Average working hours per week, .....	56
2 Establishments work per week (hours), .....	56
Nationality of employes reported, total number, .....	1,334
Nationalities and number of each as follows:	
American, .....	856
English, .....	120
Germans, .....	137
Irish, .....	101
Scotch, .....	92
Polanders, .....	8
Hungarians, .....	20

## Chenille Goods.

Total number of companies considered, .....	3
Number of companies reporting, .....	2
Number of companies out of business, .....	1
No house rent given.	
Average working hours per week, .....	60
1 Establishment worked per week (hours), .....	60
Nationality of employes reported, total number, .....	316
Nationalities and number of each as follows:	
English, .....	210
Germans, .....	1
Irish, .....	105

## Knit Goods, Underwear.

Total number of companies considered, .....	12
Number of companies reporting, .....	11
Number of employes who own their own homes, .....	18
Average rent paid per annum, .....	\$158
Highest rent per annum given, .....	\$216
Lowest rent per annum given, .....	\$90
Average working hours per week, .....	58
4 Establishments work per week (hours), .....	60
2 Establishments work per week (hours), .....	59
1 Establishment worked per week (hours), .....	58
2 Establishments work per week (hours), .....	57
2 Establishment work per week (hours), .....	55
Nationality of employes reported, total number, .....	970
Nationalities and number of each as follows:	
Americans, .....	970

## Upholstery Goods.

Total number of companies considered, .....	7
Number of companies reporting, .....	6
Number of companies out of business, .....	1
Number of employes who own their own homes, .....	8
Average rent paid per annum, .....	\$168
Highest rent per annum given, .....	\$168
Lowest rent per annum given, .....	\$168
Average working hours per week, .....	60
6 Establishments work per week (hours), .....	60
Nationality of employes reported, total number, .....	954

## Nationalities and number of each as follows:

Americans, .....	553
English, .....	201
Germans, .....	95
Irish, .....	42
Scotch, .....	62
Danes, .....	1

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## Hosiery.

Total number of companies considered, .....	31
Number of companies reporting, .....	26
Number of employes who own their own homes, .....	21
Average rent paid per annum, .....	\$131
Highest rent per annum given, .....	\$180
Lowest rent per annum given, .....	\$96
Average working hours per week, .....	59
17 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	59
4 Establishments work per week (hours), .....	58
1 Establishment worked per week (hours), .....	56
3 Establishments work per week (hours), .....	55
Nationality of employes reported, total number, .....	2,935

## Nationalities and number of each as follows:

Americans, .....	2,699
English, .....	14
Germans, .....	30
Irish, .....	13
Polanders, .....	20
Hungarians, .....	100
Slavonians, .....	2
Welsh, .....	47
Russians, .....	9
Lithuanians, .....	1

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## Silk Broad Goods, Thrown Silk Yarns.

Total number of companies considered, .....	5
Number of companies reporting, .....	4
Average rent paid per annum, .....	\$132
Highest rent per annum given, .....	\$132
Lowest rent per annum given, .....	\$132
Average working hours per week, .....	59
2 Establishments work per week (hours), .....	60

2 Establishments work per week (hours), .....	58
Nationality of employes reported, total number, .....	183
Nationalities and number of each as follows:	
Americans, .....	183

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## Silk Broad Goods and Ribbons.

Total number of companies considered, .....	2
Number of companies reporting, .....	2
Number of employes who own their own homes, .....	20
Average rent paid per annum, .....	\$180
Highest rent per annum given, .....	\$180
Lowest rent per annum given, .....	\$180
Average working hours per week, .....	58½
1 Establishment worked per week (hours), .....	59
1 Establishment worked per week (hours), .....	58
Nationality of employes reported, total number, .....	2,210
Nationalities and number of each as follows:	
Americans, .....	2,160
Austrians, .....	50

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## Silk Ribbons.

Total number of companies considered, .....	3
Number of companies reporting, .....	3
Number of employes who own their own homes, .....	39
Average rent paid per annum, .....	104
Average working hours per week, .....	59
2 Establishments work per week (hours), .....	60
1 Establishment worked per week (hours), .....	58
Nationality of employes reported, total number, .....	1,156
Nationalities and number of each as follows:	
Americans, .....	1,155
English, .....	1

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### PIG IRON SUPPLEMENT—LABOR.

Statistical summary of employes, their nationality, number owning their own homes, average house rent per annum, highest and lowest house rent paid, and average hours per week.

Total number of firms or corporations, .....	54
Total number of firms or corporations reporting, .....	47
Number of companies not in operation, .....	5
Number of companies out of business, .....	2
Total number of furnaces in blast, .....	86
Number of days lost for the following causes:	
For general repairs, .....	2,150 Days
Lack of orders, .....	140 Days
1 furnace went in to blast January 9, 1905, .....	9 Days
1 furnace went in to blast June 1, 1905, .....	180 Days
1 furnace went out of blast July 25, 1905, .....	155 Days
Number of employes who own their own homes, ..	429
Average rent paid per annum, .....	\$75
Highest rent per annum given, .....	\$180
Lowest rent per annum given, .....	\$24
Average working hours per week, .....	148
19 Companies work per week (hours), .....	168
2 Companies work per week (hours), .....	140
14 Companies work per week (hours), .....	84
1 Company works per week (hours), .....	78
1 Company works per week (hours), .....	77
1 Company works per week (hours), .....	74
2 Companies work per week (hours), .....	72
2 Companies work per week (hours), .....	70
2 Companies work per week (hours), .....	65
3 Companies do not report number of working hours per week.	

### Nationality.

Nationality of employes reported, total number, .....	8,665
Five companies do not report the nationality of employes.	
Nationalities and number of each as follows:	

Americans, .....	3,373
Hungarians, .....	1,075
Italians, .....	552
Irish, .....	372
Germans, .....	332



Austrians, .....	332
Polish, .....	318
Howats, .....	217
Foreigners (mixed), no nationality given, .....	200
Croatians, .....	164
Negroes, .....	155
English, .....	148
Poles, .....	91
Slavonians, .....	1,210
Russians, .....	14
Romans, .....	26
Swedes, .....	5
Welsh, .....	2
Scotch, .....	4
Canadians, .....	1
Jews, .....	58
Magyars, .....	16

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Comments on trade conditions for 1905 in the Pig Iron Industry.

- 12 Companies reported "business good."
- 3 Companies reported "business fair."
- 1 Company reported "outlook encouraging."
- 1 Company reported "trade good and conditions favorable."
- 1 Company reported "trade active, prospects reassuring."
- 29 Companies made no reply on "trade conditions."

## IRON AND STEEL SUPPLEMENT—LABOR.

Statistical summary of employes, their number, nationality, number owning their own homes, average rent per annum, average number of working hours per week and number affected by strike or lockouts.

Total number of companies, .....	179
Number of companies reporting, .....	156
Number of companies not in operation, .....	16
Number of companies out of business, .....	7
Number of days lost by strike, .....	53
Number of employes affected by strike, .....	738
Number of days lost by other causes than strike, ....	2,194
Number of employes who own their own homes, .....	3,393
Average rent paid per annum, .....	\$127
Highest rent per annum given, .....	\$216
Lowest rent per annum given, .....	\$25
Average working hours per week, .....	65
7 Companies work per week (hours), .....	144
8 Companies work per week (hours), .....	132
1 Company works per week (hours), .....	128
2 Companies work per week (hours), .....	125
1 Company works per week (hours), .....	120
1 Company works per week (hours), .....	108
2 Companies work per week (hours), .....	105
1 Company works per week (hours), .....	84
2 Companies work per week (hours), .....	72
1 Company works per week (hours), .....	70
1 Company works per week (hours), .....	65
1 Company works per week (hours), .....	64
1 Company works per week (hours), .....	62
64 companies work per week (hours), .....	60
6 Companies work per week (hours), .....	59
4 Companies work per week (hours), .....	58
2 Companies work per week (hours), .....	57
2 Companies work per week (hours), .....	56
12 Companies work per week (hours), .....	55
21 Companies work per week (hours), .....	54
1 Company works per week (hours), .....	51
2 Companies work per week (hours), .....	50
2 Companies work per week (hours), .....	48

1 Company works per week (hours), .....	44
1 Company works per week (hours), .....	40
11 Companies do not report number of working hours per week.	

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### Nationality.

Nationality of employes reported, total number, .....	42,004
Fifty-five companies do not report the nationality of employes.	

#### Nationalities and number of each as follows:

Americans, .....	23,468
Germans, .....	3,224
Foreigners (mixed), .....	2,802
Slavonians, .....	2,096
Polanders, .....	1,821
Austrians, .....	1,761
Irish, .....	1,700
Italians, .....	1,478
Hungarians, .....	1,004
English, .....	709
Swedes, .....	519
Negroes, .....	336
Welsh, .....	298
Russians, .....	231
Howats, .....	189
Croatians, .....	168
Scotch, .....	60
Greeks, .....	38
Finlanders, .....	30
Romanians, .....	25
French, .....	16
Jews, .....	20
Danish, .....	8
Canadians, .....	2
Cuban, .....	1

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### Dates on Which Strikes Began and Ended.

Number 11. Reports strike beginning April 1st, ending May 1st. Not a question of wages, but shorter hours. Not successful.

Number 118. Reports strike beginning about the last week in March; ending of strike about the last week in April. Question involved, increase in wages; granted 10 per cent.

Number of strikes in 1905, 2.

## Comments on Trade Conditions for 1905 in the Iron and Steel Industry.

- Number of companies reporting "good," 35.
- Number of companies reporting "fair." 12.
- Number of companies reporting "fairly satisfactory," 3.
- Number of companies reporting "very favorable," 2.
- Number of companies reporting "greatly improved over 1904," 2.
- 1 Company reporting "the best we have experienced."
- 1 Company reporting "not encouraging."
- 1 Company reporting "business brisk and growing."
- 1 Company reporting "very active during entire year."
- 1 Company reporting "unsatisfactory because capacity for production among manufacturers is three times the demand."
- 1 Company reports "business fairly good but prices on finished product low."
- 1 Company reporting "while quite busy, the prices of both our products, muck bar and cut nails, are not satisfactory."
- 1 Company reports "improvement."
- 1 Company reports "demands for our goods has been in excess of our ability to supply."
- 1 Company reports "very dull last half of 1905."
- Number of companies not "reporting on trade conditions," 86.

## Causes Given for Days Lost in Iron and Steel Industry in 1905.

	Days.
Number 2. "Reports idle at various times due to necessary repairs, etc."	
Number 5. "Reports 4 plants idle during year for repairs," .....	50
Number 6. "Reports 3 plants idle during year for repairs," .....	12
Number 8. "Not idle except for repairs."	
Number 10. "At intervals during year aggregating, holidays, etc., ....."	15
Number 13. "None except for ordinary repairs, also Sundays, holidays," .....	3
Number 19. "6 to 10 days making repairs," .....	10
Number 21. "Intermittently for repairs."	
Number 26. "Did not start to operate until April 1, 1905, being a new plant we ran steady from April 1st to December 31st."	
Number 38. "Our department was idle two weeks, installing new machinery," .....	12

## Days.

Number 41. "From September 9 to November 22, 1905, repairing blast furnace," .....	44
Number 43. "About one month to take inventories,"...	26
Number 44. "Was idle about 18 days making repairs, also holidays, ....."	18
Number 46. "Began operations for first time in May, 1905, not idle for any cause after that date."	
Number 47. "Not in operation since March, 1905."	
Number 50. "For repairs," .....	21
Number 51. "For lack of orders," .....	117
Number 55. "Reports 5 plants idle during year for repairs," .....	230
Number 59. "Idle May, June, July, August and September, no business, prices too low," .....	130
Number 67. "Lack of orders," .....	234
Number 75. "Idle part of year on account of repairs and nothing doing in blooms."	
Number 76. "Closed down during July, August and 11 days in September, repairs to our Pittsburg skelp mill," .....	63
Number 86. "Lost holidays and repairs," .....	94
Number 87. "For repairs," .....	56
Number 88. "Making improvement," .....	78
Number 89. "Idle for repairs and legal holidays."	
Number 90. "Idle in different departments by reason of changes in machinery, repairs, want of orders and Old Home Week in Harrisburg," .....	60
Number 93. "Idle about two weeks for repairs," .....	12
Number 94. "Idle one month, fire destroyed part of plant," .....	26
Number 97. "Idle for repairs," .....	23
Number 99. "Closed down for actual repairs only."	
Number 100. "For repairs," .....	12
Number 102. "Idle in April for repairs 4 days, in July 16 days," .....	20
Number 103. "Worked steadily; idle short time on account of break-downs."	
Number 105. "Idle for repairs," .....	3
Number 108. "Idle, lack of orders."	
Number 113. "Idle Decoration Day, July 4th, September 2, Thanksgiving and Christmas," .....	5
Number 115. "Lack of orders," .....	169
Number 116. "For repairs," .....	10
Number 119. "Holidays and repairs," .....	42



	Days.
Number 120. "About two weeks for repairs," .....	12
Number 123. "Idle January 14th to September 11th, no business," .....	205
Number 128. "For repairs during July," .....	12
Number 130. "Factory lost 4-5 of product in January and February owing to wrecking plate mill engine early in November, 1904. The skelp trade was very dull in June, July and August, which caused our puddle mill to lose 2-3 of June and July and nearly all of August," .....	63
Number 131. "Lost by high water and necessary re- pairs to machinery," .....	21
Number 136. "Lost holidays and repairing," .....	30
Number 137. "For ordinary repairs," .....	2
Number 143. "Break down and usual repairs," .....	5
Number 146. "Insufficient business to operate the mill,"	207
Number 150. "Repairs and breakage."	
Number 156. "For inventory and repairs," .....	3
Number 157A. "Idle during July for repairs," .....	23
Number 157B. "Idle from December 16th to 31st on ac- count of fire," .....	15
Number 158. "Lost considerable time devoted to experi- ments, installing machinery, etc."	
Number 142. "Commenced operations in July, but did not operate full time until November, 1905," .....	130



## TEXTILE INDUSTRIES.

Total number of establishments, .....	487
Average number of hours per week, .....	58
Highest number of hours per week, .....	60
Lowest number of hours per week, .....	48
<hr/>	
Average number of days in operation, .....	281
Total value of product, .....	\$99,671,003
Average number of employes, .....	54,834
Average number of males employed, ..	22,583
Average number of females employed, ..	26,733
Average number of minors employed, .....	5,518
<hr/>	
Aggregate wages paid, .....	\$22,571,872
Males, .....	\$12,534,012
Females, .....	9,078,611
Minors, .....	959,249
<hr/>	
Average yearly wage, .....	\$411 64
Males, .....	\$555 02
Females, .....	339 60
Minors, .....	173 84
<hr/>	
Average daily wage, .....	\$1 46
Males, .....	\$1 97
Females, .....	1 21
Minors, .....	62
<hr/>	
Average annual rent paid by heads of families, .....	\$177 00
Highest annual rent paid, .....	\$210 00
Lowest annual rent paid, .....	84 00
<hr/>	
Number of employes who own their own homes, .....	722
Number of establishments that did not report how many of their employes own their own homes, .....	271
<hr/>	

## Nationality.

Total number of all nationalities as reported, .....	24,244
Americans, .....	16,375
English, .....	2,782

Irish, .....	1,784
Germans, .....	1,567
Scotch, .....	688
Polanders, .....	350
Italians, .....	201
French, .....	197
Hebrews, .....	133
Russians, .....	118
Hungarians, .....	11
Armenians, .....	11
Negroes, .....	11
Bohemians, .....	8
Swedes, .....	4
Finlanders, .....	3
Chillians, .....	1

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## COTTON GOODS.

Total number of establishments, .....	80
Average number of hours per week, .....	59
Highest number of hours per week, ...	60
Lowest number of hours per week, ....	49
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Average number of days in operation, .....	295
Average number of days worked, males,	287
Average number of day worked, fe- males, .....	290
Average number of days worked, minors,	282
<hr/>	
Total value of product, .....	\$13,382,341
Average number of employes, .....	7,017
Average number of males employed, .....	3,135
Average number of females employed, .....	3,411
Average number of minors employed, .....	471
<hr/>	
Aggregate wages paid, .....	\$3,280,669
Males, .....	\$1,912,370
Females, .....	1,274,517
Minors, .....	93,782
<hr/>	
Average yearly wage, .....	\$467 53
Males, .....	\$610 00
Females, .....	373 64
Minors, .....	199 11
<hr/>	
Average daily wage, .....	\$1 58
Males, .....	\$2 12
Females, .....	1 28
Minors, .....	70
<hr/>	
Average annual rent paid by heads of families, .....	\$147 00
Highest annual rent paid, .....	\$192 00
Lowest annual rent paid, .....	84 00
<hr/>	
Number of employes who own their own homes, .....	74
Number of establishments that did not report how many of their employes own their own homes, .....	51

## Nationality.

Total number of all nationalities, as reported, .....		4,493
Americans, .....	2,626	
English, .....	790	
Scotch, .....	561	
Germans, .....	199	
Irish, .....	174	
Polish, .....	106	
Italians, .....	12	
Negroes, .....	12	
French, .....	2	
Hebrews, .....	4	
Armenians, .....	7	

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## WOOLEN AND WORSTED GOODS.

Total number of establishments, .....	148
Average number of hours per week, .....	58
Highest number of hours per week, ....	60
Lowest number of hours per week, ....	36
<hr/>	
Average number of days in operation, .....	292
Average number of days worked, males, .....	292
Average number of days worked, females, .....	291
Average number of days worked, minors, .....	297
<hr/>	
Total value of product, .....	\$33,139,374
Average number of employes, .....	15,069
Average number of males employed, ...	7,788
Average number of females employed, ..	6,303
Average number of minors employed, ..	978
<hr/>	
Aggregate wages paid, .....	\$6,915,104
Males, .....	\$4,419,311
Females, .....	2,280,262
Minors, .....	215,531
<hr/>	
Average yearly wage, .....	\$458 90
Males, .....	\$567 31
Females, .....	361 77
Minors, .....	220 37
<hr/>	
Average daily wage, .....	\$1 57
Males, .....	\$1 94
Females, .....	1 24
Minors, .....	74
<hr/>	
Average annual rent paid by heads of families, .....	\$144 00
Highest annual rent paid, .....	\$180 00
Lowest annual rent paid, .....	96 00
<hr/>	
Number of employes who own their own homes, .....	332
Number of establishments that did not report how many of their employes owned their own homes, ....	80

## Nationality.

Total number of all nationalities as reported, .....	8,078
Americans, .....	5,140
English, .....	1,070
Irish, .....	982
Germans, .....	395
Italians, .....	139
French, .....	120
Scotch, .....	94
Polanders, .....	90
Russians, .....	20
Hungarians, .....	11
Bohemians, .....	8
Swedes, .....	4
Negroes, .....	4
Chillians, .....	1

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## SILK GOODS.

Total number of establishments, .....	21
Average number of hours per week, .....	57
Highest number of hours per week, ....	60
Lowest number of hours per week, ....	48
<hr/>	
Average number of days in operation, .....	305
Average number of days worked, males, .....	301
Average number of days worked, females, .....	299
Average number of days worked, minors, .....	303
<hr/>	
Total value of product, .....	\$11,819,672
Average number of employes, .....	5,733
Average number of males employed, ..	1,650
Average number of females employed,...	2,803
Average number of minors employed,...	1,280
<hr/>	
Aggregate wages paid, .....	\$1,890,762
Males, .....	\$859,050
Females, .....	891,244
Minors, .....	140,468
<hr/>	
Average yearly wage, .....	\$329 80
Males, .....	\$520 63
Females, .....	317 96
Minors, .....	109 74
<hr/>	
Average daily wage, .....	\$1 08
Males, .....	\$1 72
Females, .....	1 06
Minors, .....	36
<hr/>	
Average annual rent paid by heads of families, .....	\$170 00
Highest annual rent paid, .....	\$210 00
Lowest annual rent paid, .....	120 00
<hr/>	
Number of employes who own their own homes, .....	22
Number of establishments that did not report how many of their employes own their own homes, .....	16

Nationality.

Total number of all nationalities as reported, .....	1,356
Americans, .....	890
Germans, .....	159
Irish, .....	140
English, .....	106
French, .....	44
Polanders, .....	9
Italians, .....	4
Armenians, .....	4

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## KNIT GOODS.

Total number of establishments, .....	115
Average number of hours per week, .....	58
Highest number of hours per week, ....	60
Lowest number of hours per week, ....	48
<hr/>	
Average number of days in operation, .....	288
Average number of days worked, males, .....	289
Average number of days worked, females, .....	294
Average number of days worked, minors, .....	279
<hr/>	
Total value of product, .....	\$15,955,310
Average number of employees, .....	13,479
Average number of males employed, ...	2,774
Average number of females employed, ..	9,103
Average number of minors employed, ..	1,602
<hr/>	
Aggregate wages paid, .....	\$4,939,826
Males, .....	\$1,622,315
Females, .....	3,030,234
Minors, .....	287,277
<hr/>	
Average yearly wage, .....	\$366 48
Males, .....	\$588 43
Females, .....	332 88
Minors, .....	179 32
<hr/>	
Average daily wage, .....	\$1 27
Males, .....	\$2 03
Females, .....	1 15
Minors, .....	64
<hr/>	
Average annual rent paid by heads of families, .....	\$171 00
Highest annual rent paid, .....	\$240 00
Lowest annual rent paid, .....	96 00
<hr/>	
Number of employes who own their own homes, .....	107
Number of establishments that did not report how many of their employes own their own homes, .....	64

Nationality.

Total number of all nationalities as reported, .....	6,315
Americans, .....	5,199
Germans, .....	370
English, .....	315
Irish, .....	137
Hebrews, .....	129
Russians, .....	91
Polanders, .....	71
Italians, .....	2
French, .....	1

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## FIBER GOODS.

Total number of establishments, .....	4
Average number of hours per week, .....	58
Highest number of hours per week, ....	60
Lowest number of hours per week, ....	55
<hr/>	
Average number of days in operation, .....	300
Average number of days worked, males, .....	300
Average number of days worked, females, .....	300
Average number of days worked, minors, .....	300
<hr/>	
Total value of product, .....	\$605,257
Average number of employes, .....	296
Average number of males employed, ...	178
Average number of females employed, ..	89
Average number of minors employed, ..	29
<hr/>	
Aggregate wages paid, .....	\$123,275
Males, .....	\$87,556
Females, .....	32,604
Minors, .....	3,115
<hr/>	
Average yearly wage, .....	\$416 47
Males, .....	\$491 88
Females, .....	366 33
Minors, .....	107 07
<hr/>	
Average daily wage, .....	\$1 38
Males, .....	\$1 63
Females, .....	1 22
Minors, .....	36
<hr/>	
Average annual rent paid by heads of families, .....	\$120 00
Highest annual rent paid, .....	\$120 00
Lowest annual rent paid, .....	120 00
<hr/>	
Number of employes who own their own homes, .....	3
Number of establishments that did not report how many of their employes own their own homes, .....	3
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Nationality.

Total number of all nationalities as reported, .....	141
Americans, .....	79
English, .....	19
Irish, .....	18
Scotch, .....	18
Negroes, .....	5
Polanders, .....	2

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## CARPETS.

Total number of all establishments, .....	16
Average number of hours per week, .....	59
Highest number of hours per week, ....	60
Lowest number of hours per week, ....	54
<hr/>	
Average number of days in operation, .....	293
Total value of product, .....	\$6,464,766
Average number of employes, .....	2,732
Average number of males employes, ..	1,445
Average number of females employed, ..	1,214
Average number of minors employed,..	64
<hr/>	
Aggregate wages paid, .....	\$1,152,191
Males, .....	\$704,306
Females, .....	436,617
Minors, .....	11,268
<hr/>	
Average yearly wage, .....	\$422 88
Males, .....	\$487 41
Females, .....	359 65
Minors, .....	175 00
<hr/>	
Average daily wage, .....	\$1 44
Males, .....	\$1 66
Females, .....	1 22
Minors, .....	59
<hr/>	
Average annual rent paid by heads of families, .....	\$143 00
Highest annual rent paid, .....	\$144 00
Lowest annual rent paid, .....	120 00
Number of employes who own their own homes, .....	35
Number of establishments that did not report how many of their employes own their own homes, .....	9

## Nationality.

Total number of all nationalities as reported, .....	887
Americans, .....	587
English, .....	49
Germans, .....	51
Irish, .....	199
Scotch, .....	1

## WOOLEN AND WORSTED AND CARPET YARNS.

Total number of establishments, .....	11
Average number of hours per week, .....	58
Highest number of hours per week, ....	60
Lowest number of hours per week, ....	50
<hr/>	
Average number of days in operation, .....	281
Total value of product, .....	\$15,565,268
Average number of employes, .....	7,047
Average number of males employed, ...	2,756
Average number of females employed,...	3,416
Average number of minors employed, ..	875
<hr/>	
Aggregate wages paid, .....	\$2,617,753
Males, .....	\$1,474,349
Females, .....	986,971
Minors, .....	161,433
<hr/>	
Average yearly wage, .....	\$371 47
Males, .....	\$531 33
Females, .....	287 45
Minors, .....	184 61
<hr/>	
Average daily wage, .....	\$1 32
Males, .....	\$1 89
Females, .....	1 02
Minors, .....	65
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## DYERS, BLEACHERS AND FINISHERS.

Total number of establishments, . . . . .	42
Average number of hours per week, . . . . .	60
Highest number of hours per week, . . . . .	60
Lowest number of hours per week, . . . . .	54
<hr/>	
Average number of days in operation, . . . . .	277
Average number of days worked, males, . . . . .	283
Average number of days worked, females, . . . . .	295
Average number of days worked, minors, . . . . .	294
<hr/>	
Total value of products, . . . . .	\$2,739,045
Average number of employes, . . . . .	1,975
Average number of males employed, . . . . .	1,597
Average number of females employed, . . . . .	289
Average number of minors employed, . . . . .	89
<hr/>	
Aggregate wages paid, . . . . .	\$966,698
Males, . . . . .	\$830,859
Females, . . . . .	118,116
Minors, . . . . .	17,723
<hr/>	
Average yearly wage, . . . . .	\$494 53
Males, . . . . .	\$520 26
Females, . . . . .	408 71
Minors, . . . . .	199 13
<hr/>	
Average daily wage, . . . . .	\$1 78
Males, . . . . .	\$1 83
Females, . . . . .	1 38
Minors, . . . . .	67
<hr/>	
Average annual rent paid by heads of families, . . . . .	\$143 00
Highest annual rent paid, . . . . .	\$180 00
Lowest annual rent paid, . . . . .	84 00
<hr/>	
Number of employes who own their own homes, . . . . .	110
Number of establishments that did not report how many of their employes own their own homes, . . . . .	25

## Nationality.

Total number of all nationalities as reported, .....	1,792
Americans, .....	918
English, .....	403
Germans, .....	259
Irish, .....	90
Polanders, .....	43
Italians, .....	39
French, .....	30
Scotch, .....	9
Russians, .....	1

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**DYERS, BLEACHERS AND FINISHERS—NO VALUE OF PRO-  
DUCT GIVEN.**

Total number of establishments, .....	40
Average number of hours per week, .....	58
Highest number of hours per week, ....	60
Lowest number of hours per week, ....	55
<hr/>	
Average number of days in operation, .....	279
Average number of days worked, males, .....	291
Average number of days worked, fe- males, .....	287
Average number of days worked, minors, .....	284
<hr/>	
Average number of employes, .....	1,495
Average number of males employed, ..	1,260
Average number of females employed, ..	105
Average number of minors employed, ..	130
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Aggregate wages paid, .....	\$685,594
Males, .....	\$623,896
Females, .....	33,046
Minors, .....	28,652
<hr/>	
Average yearly wage, .....	\$456 58
Males, .....	\$495 15
Females, .....	313 78
Minors, .....	220 40
<hr/>	
Average daily wage, .....	\$1 63
Males, .....	\$1 70
Females, .....	1 09
Minors, .....	77
<hr/>	
Average annual rent paid by heads of families, .....	\$147 00
Highest annual rent paid, .....	\$204 00
Lowest annual rent paid, .....	96 00
<hr/>	
Number of employes who own their own homes, .....	38
Number of establishments that did not report how many of their employes own their own homes, .....	23
<hr/>	

## Nationality.

Total number of all nationalities as reported, .....	1,192
Americans, .....	936
Germans, .....	134
English, .....	30
Irish, .....	44
Polanders, .....	29
Russians, .....	6
Scotch, .....	5
Italians, .....	5
Finlanders, .....	3

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## COMMENTS ON TRADE CONDITIONS FOR 1905 AS REPORTED IN THE TEXTILE INDUSTRY.

### Cotton Goods.

1282 reports "The first six months of last year was dull with us; we feel now that the outlook is good."

1287 reports "Trade has been good in volume, but exceedingly close in margin or profit, due to competition."

1291 reports "Should price of cotton remain regular we feel sure we could double our business, but one must go cautiously owing to uncertainty of market. We have orders to start the new year, but are not busy; we have hope at least for a fair year."

1292 reports "Business somewhat improved since last year, but high price of yarns has made profits small."

1294 reports "During all last year we found trade very good, we even had good orders during the sample season. While it was hard to advance prices, the general average was fair."

1308 reports "Trade has been very good since January 1, 1906, more of a disposition shown to book orders ahead."

1311 reports "Conditions satisfactory as to volume of business."

1312 reports "Trade conditions fairly good, high price of wool and cotton restrict the amount of business."

1315 reports "High priced cotton has ruined the upholstery business; had cotton yarns sold at reasonable figures we could have done twice the amount of business."

1318 reports "Very moderate; the price of yarns have fluctuated; this has been a hinderance to business; all round business is good, and looms are pretty well employed."

1319 reports "Trade better and orders far in excess of any previous year."

1335 reports "It is extremely difficult to predict anything on account of the uncertainty of the cotton market, but we think there is a better feeling toward the new year than last."

1345 reports "Present outlook very poor, cotton yarns are extremely high, cotton manufactured goods extremely low."

1346 reports "This has been a very prosperous year and we think the coming year will be about the same, if not better."

1354 reports "The ingrain carpet business, which my business (cordage) depends on, was very dull during the spring and summer of 1905."

1357 reports "During the whole of 1905 there was only one drawback to a very good trade; raw material advanced very considerably

and manufacturers could not, for a part of the year, get prices upon the manufactured article."

1359 reports "Too much gambling in raw material. Prices of manufactured goods not in proportion to the advance of material."

1364 reports "The condition of the hammock industry is not as satisfactory as it might be, owing to the high price of cotton yarns which is 33 to 50 per cent. higher than the average price of yarn for five years previous and also our inability to secure a corresponding advance for the finished product."

1365 reports "Trade is fair, expect 1906 to be a good year in our line of business."

1415 reports "Expect plenty of business but short of labor and prices not as satisfactory as they should be."

1434 reports "Fair season; opened well but remarkable fall weather, an open winter and warm weather affected trade considerably."

1437 reports "An early spring and summer trade, but rather light fall business, because of very pleasant weather which did not create a demand for fancy knit woolens."

1446 reports "Plenty of trade, but yarn prices too high for manufacturers to work on a profitable basis."

1448 reports "Fine prospects in sight for 1906 and 1907."

1449 reports "Sufficient business, but labor hard to get and yarns higher than usual. This prevented manufacturers from taking long contracts, as buyers were very slow to pay advanced prices."

1452 reports "Trade is very good as far as volume of business, but conditions prevailing in the cotton market are very much against the manufacturer getting a legitimate profit on his goods."

1457 reports "Trade seems to be in a prosperous condition. Making specialties, we cater only to the better class of merchandise distributors and are not much affected by the general conditions."

1459 reports "Had many more orders on my books July 1, 1905 than I have January 1, 1906, but think we will receive them later on."

1469 reports "At the present time everything points to the most successful business year in the hosiery business for past five years. Indications are that present conditions will continue for two years at least. The outlook is so good we are contemplating increased capacity of our plant about 60 per cent."

1336 reports "Trade better than it has been for the last five years."

1376 reports "My line of business, damask, has been exceptionally fair for 1905."

1382 reports "Upholstery industry rather poor since strike of 1904."

1385 reports "Trade very fair, profits small."

1404 reports "Trade bad, the price of yarn too high."

1405 reports "Past year fairly good, the outlook for the present (1906) not so good."

1408 reports "Trade conditions with us have been very good and prospects are the same."

1414 reports "Trade not very good on account of high priced yarns."

#### Fiber Goods.

1423 reports "Business normal, but small profits."

#### Knit Goods.

1428 reports "Business very good, plenty of orders, but female help hard to get."

1456 reports "Fairly good, labor scarce and uncertain, cotton yarns very high, good demand for goods at buyers' prices."

1530 reports "Fair, but unsettled on account of high priced raw material."

1550 reports "Business generally is very good and demand good, but owing to the very high price of raw material and scarcity of help (which makes labor very high) there is very little margin."

1473 reports "Cotton yarns too high, have to produce on very close profit. Sales good."

1503 reports "Generally good with us, but foreign competition always affects full fashioned half hosiery."

1504 reports "Would be much better business if speculation in raw cotton, fostered by Government reports, could be eliminated."

1507 reports "Small profits and high cotton."

1509 reports "Trade conditions have been good and prospects for 1906 also look good."

1511 reports "Trade has been fair, somewhat affected by the flurry in the cotton market."

1512 reports "Orders are plentiful and expect to be busy throughout the year."

1513 reports "Trade good for a mild season."

1515 report "Help is very scarce; as to working hours, employees seem to come and go when they please."

1521 reports "Trade not so good at present, prices of wool and worsted yarns being very high, buyers do not want to pay higher price. Demand for manufactured product not as good as usual."

1533 reports "This mill has been run to its full capacity during the year 1905, but prices of hosiery trade have not advanced in proportion to the rise in cotton yarns."

1539 reports "Trade at present exceedingly dull which I presume is due to the market being over-stocked, particularly in my line."

1542 reports "Great difficulty to get help. Business seriously affected by fluctuations in price of cotton."

1543 reports "Scarcity of help."

1549 reports "Business in 1905 very satisfactory, prospects for 1906 are not so bright on account of the mild winter. While we received large orders they are being revised, cancellations coming in on account of large stocks carried over. Profits reduced on account of the advance of raw material and little or no advance in our prices."

1552 reports "Our trade being on winter or woollen goods the sales would have been a third more if the fall and winter had been colder or normal."

#### Silk Goods.

1574 reports "Trade generally favorable but seriously handicapped by cotton speculations."

1580 reports "About the same as 1904, only fair, prospects are brighter for 1906, in my line, but as I only make special orders I might be very busy in dull times."

1583 reports "The volume of business was very good, but profits were reduced considerably on account of the increase cost of yarns, material, supplies, and advance in wages. We could not get a corresponding advance in prices for finished product. The year was notable for scarcity of skilled hands, no experienced help being available the last four months of 1905."

1584 reports "At this time there is a prosperous outlook for 1906."

1588 reports "Wages high, help scarce and product of mills sold low."

1590 reports "Trade with us good throughout the year, the employes having had steady work. Prices secured were only moderate, although there was increased cost of materials no advance could be obtained in prices. Competition may have been a factor."

1592 reports "Business better than in 1904."

1595 reports "The dress trimming trade during 1905 was the poorest since 1903. The main reason was no dress trimmings were worn on ladies' dresses either spring or fall. Because of little demand for trimming, competition became stronger and brought down the prices on the more stable article of the trade."

1598 reports "Trade more favorable, but hampered by fashion deciding that cotton and linen should be used for spring and summer, instead of silks."

#### Woolen.

1600 reports "Trade very good at present, but prices of wool and worsted yarns are so high that the foreign manufacturers are shipping more manufactured goods to this country than they have for



years. Cheaper raw materials would be a vast benefit to our industry."

1605 reports "The outlook for 1906 good."

1603 reports "Very busy with goods ahead for at least one more season."

1609 reports "We anticipate a fairly busy year. According to the outlook there is one thing necessary and that is a proper regulation of the manipulation of the cotton markets. Whenever applicable we have adopted the two loom system (i. e. two looms to one man) which accounts for the reduction in male hands, but they are making better wages than under the one loom system."

1620 reports "Business rather slow and draggy."

1622 reports "The conditions of ingrain carpet bad, there are less yard wide looms running than there was ten years ago. Imported mattings are running ingrain out of the market. I think the national Government should put a higher tariff on matting."

1629 reports "Trade has been very draggy the past year and shows very slight prospects for being any better in 1906. The ingrain carpet trade is exceedingly dull."

1631 reports "Just at present things are looking bad in cotton waste and also woolen carpet yarn waste, but I think there will be a raise in same after January 1, 1906."

1632 reports "The year 1905 was very unfavorable to the ingrain carpet industry, hence no firm ran their plant a full year. The year 1906 commences unfavorably. High cost of material a very large factor in creating the conditions.

1633 reports "Trade was very dull for four months of 1905, but it is good now. High price of raw material will no doubt have an effect on the amount of business for the coming year."

1635 reports "Prospects good for 1906 with probably an increased demand."

1636 reports "Prices of yarns are too high to get more than 6 per cent. profit; the working people are not settled or satisfied."

1637 reports "We have had a good year and have every indication for a continuance of the same."

1642 reports "Very encouraging during all of the year, with the exception of a temporary lull in May and June."

1650 reports "Raw material too high in proportion to the price of yarn."

1652 reports "Trade good last year and outlook good for the next six months."

1653 reports "Business in ingrain carpets for the last eighteen months has been very dull. We have only been able to make three quarter time. This is a general condition in this trade."

1661 reports "Outlook in my particular trade (rugs) is good, profits are gradually getting smaller."

1672 reports "Trade is fair, would be better if there was more duty on matting and less duty on wool."

1673 reports "The early part of the year business was not very good. It improved toward middle of the year and we ran full time up to December 31st."

1677 reports "The conditions existing in carpet yarn trade are by no means good and not likely to get better in the future."

1678 reports "Owing to the high price of wool and cotton, conditions are not so good in the carpet business."

1681 reports "High tariff on wool is working destruction to American textile industries. The sooner we have a moderate tariff on wool the better. Textile industries cannot survive much longer with the present rate of duties on wool."

1684 reports "During 1905 trade has been very good, all kinds of yarns very high, but the carpet trade always sells too cheap. We do a big business at a small profit. If we had had a fair profit during 1905 we would have made big money."

1685 reports "Conditions very poor for manufacturing; too much speculation in the materials we use and the raw stock too high."

1687 reports "The outlook for future is better this year than in 1904."

1692 reports "Unusually poor business in the carpet trade."

1697 reports "Trade very unsatisfactory during 1905."

1702 reports "The conditions of the trade early in season for 1905 was fairly good, but toward the end of season became dull and is dull at the present time, owing to high prices of material and no demand for finished articles. Outlook for the year 1906 is very poor."

1703 reports "The price on carpets should be at least two cents a yard more to bring it up to the advance in raw materials."

1704 reports "During summer and fall months business was slack, resulting in reduced number of employees."

1705 reports "Prospects very encouraging for ensuing year."

1706 reports "Business conditions were not very good in the beginning of the year, but have rapidly improved since August, and are in a very satisfactory state at end of the year."

1607 reports "The year 1905 was a good year for the dress goods branch of the textile industry, prices were fair and there was a steady demand for cloths; the same conditions holds at present."

1608 reports "Very much depressed because of high price of cotton yarns."

1656 reports "Trade conditions are not good, speculations in cotton and advance in wools make the manufactured product more costly while no advance can be had in the market price of goods."



1659 reports "In our particular line (ingrain carpets) the demand has been very light, our grade of carpet is bought principally by the laboring classes and when work is plentiful and they have steady employment they will buy a better and more expensive carpet."

1660 reports "During the year 1905 trade conditions were excellent very favorable to running plant to maximum capacity."

1715 reports "From now on trade ought to be good, as the market prices on wool and cotton are fixed for some time and, as a result, manufacturers know where they are at."

1717 reports "Business is fairly good and has been for the past year, the outlook is very encouraging for 1906."

1771 reports "Very good, our business greater during 1905 than any preceding year."

1713 reports "Trade has been very good all of 1905 and accounts promptly paid; outlook for 1906 is good, there is a scarcity of mill help in and about Philadelphia."

1719 reports "Conditions at present are better than they have been for five years,"

1731 reports "Trade conditions in our particular line was not good in 1905."

1734 reports "Trade very good, outlook bright, good season anticipated."

1744 reports "We expect 1906 to be better than 1905."

1746 reports "While the present year started with very little improvement, still the outlook is for better trade."

1749 reports "Fairly active in woolen carpet yarn, but the blanket department is slow; we believe the latter is caused by speculation in cotton, which has had everybody guessing where it was going in price and has held trade back."

1753 reports "Demand for ingrain carpets diminished owing to increased rates on rugs, mattings, etc."

1754 reports "Our trade was much better the latter part of 1904 than the beginning of this year."

1766 reports "The trade has been held back very much owing to the great advances in price of wool and cotton yarns; buyers feeling that advance will not be permanent, and are withholding orders in anticipation of a fall in prices in the near future."

1774 reports "Prospects for the ensuing year are very bright."

#### Dyers, Bleachers and Finishers.

1776 reports "Trade looks brighter than it did a year ago."

1782 reports "Demand for embroidery very good during entire year but cannot get sufficient help; one-third of machines have been idle during the present year on this account."

1784 reports "Trade conditions have not improved and I find them about the same as 1904."

1787 reports "Business dull, particularly the last six months of the year."

1789 reports "Trade generally good throughout the year."

1800 reports "The dyeing trade is very good, has been a very good year with us."

1804 reports "There appears to be favorable prospects for fair business this coming year."

1805 reports "Trade improving at the present time."

1810 reports "Business at present could not be better; we are having sufficient orders ahead for five or six months, but are afraid that should the representatives at Washington fool with the tariff question it would prove a detriment to the hosiery business which would revert to us, causing a depreciation in prices and necessarily a reduction in wages; therefore it is advisable that the tariff should remain the same in order to maintain the present standard of wages."

1821 reports "Trade has been very good during the year. The extreme high price of cotton yarn has prevented people in our line from making profit as they should; had a good volume of business and small profit."

1827 reports "Trade was fair and shows signs of improvement."

1833 reports "Trade not up to average, resulting from textile strike of 1904, having driven many firms out of Philadelphia."

1851 reports "From the cause of demand of product trade is now good and indications point to a prosperous year."

1864 reports "Trade not as good as in 1904."

1802 reports "Steady improvement throughout the year."

## CAUSES ASSIGNED FOR DAYS LOST IN TEXTILE INDUSTRY, DYERS, BLEACHERS AND FINISHERS.

(With Value of Product.)

No. 1850 reports "During the months of August, September and November we only worked averaging three days a week on account of general dullness in trade."

No. 1767 reports "Idle 25 days for lack of orders."

No. 1844 reports "Lost about 100 days, no orders."

No. 1847 reports "Idle 150 days, no orders."

Two firms report "Not idle except a few days for repairs and cleaning machinery."

Twenty-five firms reports "we were not idle during the year."

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## COMMENTS ON TRADE CONDITIONS, DYERS, BLEACHERS AND FINISHERS.

(Without Value of Product.)

No. 1613 reports "The textile business has not been very good this year, owing to speculation in cotton. I think the government should do something to put a stop to gambling in cotton."

No. 1796 reports "1905 was a good trade year with us, with same indications for 1906."

No. 1863 reports "Trade not so good as 1904."

No. 1793 reports "Trade very good in all lines of manufacture on which we do work, except that of the carpet mills."

No. 1843 reports "Not good since the strike. We dye carpet yarns, the importation of matting is ruining the business."

No. 1847 reports "Poor for 1905, not much better thus far in 1906."

Ten firms report "Business very good, excellent, very busy."

Five firms report "Business rather poor, very poor, fair, good at present, prospects very encouraging."

## STRIKES AND LOCKOUTS IN THE TEXTILE INDUSTRY IN 1905.

### Four Companies Report Strikes.

No. 1520. Reports number of days lost by (partial) strike, six weeks.

Number affected by strike, males, 30.

Number affected by strike, females, 20.

Number affected by strike, minors, 6.

Strike unsuccessful.

Date beginning strike, April 10th.

Date ending strike, May 20th.

Question involved in dispute, "Recognition of union."

No. 1536. Reports number of days lost by strike, 10.

Number affected by strike, males, 16.

Number affected by strike, females, 9.

Number affected by strike, minors, 1.

Strike unsuccessful.

Not arbitrated.

Date beginning strike, February 11th.

Date ending strike, February 21st.

Question involved in dispute, "Dissatisfaction on the part of employes questioning the company's right to discharge undesirable employes."

No. 1704. Reports number of days lost by strike, none; "our works continued in operation with reduced number of employes."

Number affected by strike, males, 100.

Number affected by strike, females, 50.

Number affected by strike, minors, 10.

Daily wage paid before strike, males, piece work, \$2.25 to \$3.00 per day.

Daily wage paid before strike, females, piece work, \$1.25 to \$2.00 per day.

Daily wage paid before strike, minors, piece work, \$75c to \$1.25 per day.

Daily wage paid after strike, no change.

Strike unsuccessful.

Date beginning strike in printing department October 6 1905.

December 19, 1905, in weaving department.

Question involved in dispute, "The October 6 strike was for recognition of union and union control, discharge of non-union help was demanded; 85 per cent. of our help was non-union. December 19 strike same reason assigned."

No. 1751. Number of days lost by strike, 4.

Number affected by strike, 725.

Daily wage paid before strike, males, per week, \$13.50.

Daily wage paid before strike, females, per week, \$10.50.

Daily wage paid before strike, minors, per week, \$6.50.

Daily wage paid after strike, the same.

Strike unsuccessful.

Question involved in dispute, "Trouble caused by boys leaving work to follow a parade and not showing up again the next day. Boys discharged. Other boys go out until we take the discharged boys back. Their parents bring them back and discharged boys are not reinstated."



# CAUSES GIVEN FOR DAYS LOST IN TEXTILE INDUSTRY IN 1905.

## 89 Firms Report as Follows:

No.	Total days lost.
1291. "Owing to high prices of cotton. At times one or more looms were idle for a while but were not closed entirely at any time during 1905 except on legal holidays."	
1296. "Idle holidays and slow time," .....	26
1299. "Legal holidays and stock taking," .....	14
1304. Reports "The goods we make are summer curtains; we only work full force from December to June and the rest of the year employ about half the number; most of the work is piece work."	
1305. "Lack of orders and lack of material."	
1319. "Only examining boilers."	
1335. "Idle two months during the summer of 1905, which is our slack season," .....	50
1345. "Idle only for holidays and repairs."	
1354. "Idle account of dull business."	
1359. "Idle scarcity of raw material," .....	85
1363. "Idle installing boiler and engine," .....	12
1364. "Idle account of fire," .....	75
1366. "Idle during July, lack of orders," .....	25
1379. Reports "Usually somewhat slack during July and August on account of season work."	
1392. "Idle holidays and repairs," .....	29
1421. "Idle three days for engine repairs and about one week in the whole year for dull trade,"...	9
1430. "Idle forty days," .....	40
1432. "Idle one week stock taking and holidays 6 days."	12
1436. "Idle lack of orders," .....	36
1449. "Idle on account of scarcity of yarn."	
1457. "Idle only when it became necessary to make repairs to engine or boiler and inspection of same."	
1473. "Idle getting new machinery."	
1481. "Idle a few days for repairs to boilers."	
1485. "Idle only on holidays and one day for boiler inspection," .....	8



No.	Total days lost.
1500. "Idle, broken engine."	
1505. "Idle, short of orders," .....	100
1509. "Idle eight holidays and two days on account of engine breaking down," .....	10
1368. "Only during the last six weeks of 1905 did we run our plant to its full capacity."	
1535. "Idle for vacation," .....	24
1538. Reports "Part of our establishment was closed during July and August on account of slack season."	
1544. Reports "Lack of business probably due to the mild fall and winter."	
1548. Reports "Lack of orders, not enough to employ full number of employees."	
1573. "Idle only holidays and time necessary for boiler inspection, cleaning, taking inventory and a few weeks in hot weather. We only run fifty hours per week."	
1583. "Idle for repairs to engine," .....	1
1595. "Idle July and August, no orders," .....	50
1605. Reports "Mill ran about three-quarters on full time; we changed our method of selling, in- stead of selling product through jobbers we sell direct to the trade, which decreased vol- ume of units and increased value of same. This trade requires better goods."	
1609. "Idle during August and September through lack of orders and general depression in the ingrain carpet industry."	
1622. Reports "We had to stop half of our plant for about six weeks for want of business caused by the importation of china matting. The mat- ting imported has done more harm to the in- grain carpet business than anything I know of,"	36
1624. "Idle legal holidays and for boiler inspection."	
1626. "Idle for lack of orders," .....	26
1633. Reports "We were on two-third time for about 4 months."	
1640. "Idle from July 3d to July 8th, and from Decem- ber 25th to January 2nd on account of taking stock," .....	11
1647. "Idle on account of slack trade," .....	50
1653. Reports "Have been on three-quarter time dur- ing entire year."	

No.	Total days lost.
1654. "Idle only a few days for repairs."	
1657. "Idle cleaning boilers and repairing machinery,"	12
1661. "Idle two weeks; fire on top floor of building; considerable water damage to my plant," ....	12
1669. "Idle lack of orders," .....	36
1671. Reports "Usual loss of time between seasons,"	40
1673. Reports "Plant ran all the year but employed more people portions of the year than at others on account of slack business."	
1677. "Idle for want of work, sometimes making forty- five hours, sometimes fifty, fifty-six and some- times sixty hours per week."	
1681. "Reports bad business on account of high price of material," .....	42
1685. Reports "Business very poor during summer and first part of fall. We ran the mill, but had nothing of any account for our hands to do."	
1687. "Idle about three weeks lack of orders. We card and spin yarn on commission," .....	18
1689. "Idle, dull trade," .....	104
1692. "Idle on account of poor and dull trade," .....	67
1701. "Idle on account of moving and no orders," ....	30
1705. Reports "Not much time lost, having worked an average season."	
1714. "Idle for repairs," .....	75
1721. Reports "We were always running but never at full capacity, cannot give time made or lost as we keep no record."	
1724. "Idle by moving plant," .....	30
1727. "Idle for lack of orders, repairs and holidays," ..	13
1729. Reports "Customary dullness between seasons lasting," .....	36
1744. "Idle only holidays," .....	12
1746. "Idle, dullness in the ingrain carpet branch of textile trade," .....	118
1747. "Idle, dullness in the trade," .....	81
1748. "Idle, dull business," .....	33
1749. Reports "Not any time lost by total stoppage, part of our employes lost some time on account of slack trade in the blanket department."	
1754. "Idle a few days on account of poor business."	
1766. "Idle, lack of orders," .....	60
1773. "Idle for repairs," .....	21

1782. "Idle owing to the heat during summer," .....	9
1783. "Idle only for the want of orders."	
1792. Reports "Dullness in trade, idle about one day a week," .....	45
1799. "Idle only from summer dullness in our line of work."	
1804. Reports "Full time was not made by reasons of falling off in business."	
1815. Reports "Shut down on account of dullness in trade," .....	61
1856. "Idle on account of dullness of trade," .....	6
1870. "Idle caused by dullness of carpet trade; run an average four days a week," .....	104
1873. "Idle for repairs," .....	7
1874. "Idle, depression in business during summer season."	
1384. "Idle on account of fire," .....	125
1456. "Idle taking stock," .....	25
1461. "Idle between seasons, lack of orders," .....	25
1526. "Idle, vacations and lack of orders," .....	30
1607. "Idle on account of slight fire," .....	12
1659. "Idle, lack of orders."	
1715. "Idle, lack of orders," .....	25
1801. "Idle, lack of business," .....	10
175 plants report "We were not idle during 1905."	
101 plants make no answer to the above question.	

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- 1 Firm reports trade conditions "medium."
  - 5 Firms report trade conditions "satisfactory."
  - 43 Firms report trade conditions "good."
  - 2 Firms report trade conditions "normal."
  - 4 Firms report trade conditions "very bright."
  - 13 Firms report trade conditions "fair."
  - 1 Firm reports trade conditions "favorable."
  - 1 Firm reports trade conditions "not very promising."
  - 1 Firm reports trade conditions "not as good as 1904."
  - 7 Firms report trade conditions "poor."

## ANALYSIS.

## 1896 Comparative Series.

In order that a comprehensive view by comparison from year to year might be had of the trend of business conditions in Pennsylvania, in 1896 the Bureau formed a statistical "Comparative Series," composed of 919 plants engaged in 101 different industries. This series is independent of all other statistical researches by the Bureau. The series does not pretend to represent a complete census of Pennsylvania, the limitations of the Bureau both as to its appropriation and its working force preclude that. The results attained, however, with the means at hand and under the method employed have been satisfactory as of practical value to the manufacturer and student, and preserve a correct record of the actual changes during the years of the decade just closed.

An analysis of the figures for the period indicated 1896-1905 shows the following result. Taking the 919 original establishments of 1896, from which 209 have dropped out, the series completes its term with 710 plants existing and in operation. From year to year the identity of certain plants in the several industries disappeared. Various causes account for this; some went by merger into other plants already used for a basis of comparison (when a plant merged with one not used by the Bureau it was of necessity dropped), others were lost by failure, bankruptcy, removal from the State and voluntary retirement from business. With all the vicissitudes that attend industrial enterprises a large percentage survive. It is manifest that never in the history of the State has business been done on a scale so immense or increasingly great as during the past ten years. The comparative analysis of the Bureau of Industrial Statistics verifies the evidence of the foregoing remarkable fact. Consolidation of capital has absorbed plants of like manufacture. The weaker have lost their individuality, compelled by the natural force which grants survival to the fittest. The following detailed statement shows the plants eliminated:

Steel castings, 7 merged.

Steel billets, slabs, blooms, etc., 5 merged.

Iron and Steel Specialties, 3 out of business.

Iron Specialties, 2 out of business.

Iron and Steel Forgings, 1 merged, 2 out of business.

Bolts, Nuts, etc., 1 out of business.

Wire nails, rivets, etc., 1 out of business.

Tacks and small nails, 1 out of business.  
Wire, 2 out of business.  
Wagons, Carriage Axles and Springs, 3 out of business.  
Scales, etc., 2 out of business.  
Stoves, ranges, heaters, etc., 11 out of business.  
Hardware Specialties, 2 out of business.  
Car Springs, Axles and Railway Supplies, 4 out of business.  
Brass, Copper and Bronze Goods, 6 out of business.  
Iron and Steel Bridges, 1 out of business.  
Engines, Boilers, etc., 1 out of business.  
Iron Vessels and Engines, 1 out of business.  
Boilers, Tanks, Stacks, etc., 1 out of business.  
Machinery, 3 out of business, 1 removal from State.  
Foundries and Machine Shops, 1 out of business.  
Files, etc., 1 out of business.  
Electrical Supplies, 2 removed from the State.  
Shovels, Spades, Scoops, etc., 1 merged.  
Iron Beds, 2 out of business.  
Ornamental Metal Work, 2 out of business.  
Agricultural Implements, 3 out of business.  
Bicycles, 5 out of business.  
Pianos and Organs, 2 out of business.  
Paper Manufacture, 2 out of business.  
Cigars, 10 out of business.  
Cordage, Rope and Twine, 1 out of business.  
Paper, Paper Boxes and Envelopes, 1 out of business.  
Pottery, 1 out of business.  
Paving Brick, 2 out of business.  
School Slate, 3 out of business.  
Slate Roofing (tonnage), 1 out of business.  
Slate Roofing (squares), 4 out of business.  
Window Glass, Bottles and Table Goods, 10 out of business, 1 merged.  
Men's, Women's, Misses' and Children's Shoes, 5 out of business.  
Fur and Felt Hats, 1 out of business.  
Wool Hats, 2 out of business.  
Umbrellas and Parasols, 2 out of business.  
Shirts and Shirt Waists, 3 out of business.  
Neckwear, 2 out of business.  
Cotton and Woolen Cloths, 9 out of business.  
Carpets, 3 out of business.  
Clothing, 9 eliminated by the Bureau by reason of incomplete and unreliable reports.  
Cotton Goods, 9 out of business.  
Woolen and Worsted Cassimeres, 5 out of business.



Woolen and Worsted Fabrics, 4 out of business.

Chenille Goods, 2 out of business.

Upholstery Goods, 3 out of business.

Knit Goods, Underwear, 3 out of business.

Silk, Broad Goods, Thrown Silk, 2 out of business.

Silk, Broad Goods, Ribbons, 1 out of business.

Silk, Ribbons, 1 out of business.

Hostery, 6 out of business.

Building Brick, 11 out of business.

Fire Brick, 1 out of business.

Wall Paper, 3 out of business.

Rugs, Yarns, etc., 2 out of business.

Carpet Yarns, 2 out of business.

Cotton Yarns, 2 out of business.

Woolen and Worsted Yarns, 1 out of business.

Making a total of 14 merged; 192 out of business, and 3 removed from the State.



## COLLATED SUMMARIES OF 1896-1905 STATISTICS.

The following figures, under specific heads, represent the final summary of the 1896 ten years' comparative series, they express by comparison the changes during the decade 1896-1905, and show at a glance the per cent. of gain or loss in each during the period named.

	1896.	1905.	Gain.	Loss.	Per Cent.
<b>TOOL STEEL.</b>					
Capital invested, .....	\$480,000	\$795,000	\$315,000	.....	65.6
Cost of basic material, .....	116,601	395,169	248,568	.....	169.6
Average number of days, .....	267	302	35	.....	13.1
Number of employes, .....	160	413	253	.....	158.1
Aggregate wages paid, .....	88,646	351,719	263,073	.....	296.8
Value of product, .....	433,801	1,976,026	1,542,225	.....	355.5
Average yearly earnings, .....	554 04	851 62	297 58	.....	53.5
Average daily wage, .....	2 08	2 82	74	.....	35.6
<b>IRON AND STEEL FORGINGS.</b>					
Capital invested, .....	281,000	757,935	476,935	.....	169.7
Cost of basic material, .....	117,318	347,240	229,922	.....	196.0
Average number of days, .....	280	297	17	.....	6.1
Number of employes, .....	184	359	175	.....	95.1
Aggregate wages paid, .....	91,948	230,749	138,801	.....	151.0
Value of product, .....	292,046	860,276	568,230	.....	194.6
Average yearly earnings, .....	499 71	642 76	143 05	.....	28.6
Average daily wage, .....	1 79	2 17	38	.....	21.2
<b>MALLEABLE IRON.</b>					
Capital invested, .....	440,000	3,149,392	2,709,392	.....	615.8
Cost of basic material, .....	590,308	1,123,760	533,452	.....	90.4
Average number of days, .....	292	298	6	.....	2.1
Number of employes, .....	1,575	1,994	419	.....	26.6
Aggregate wages paid, .....	709,933	1,068,679	358,746	.....	50.5
Value of product, .....	1,933,107	3,017,199	1,084,092	.....	56.1
Average yearly earnings, .....	450 75	535 95	85 20	.....	18.9
Average daily wage, .....	1 54	1 80	26	.....	16.9

	1896.	1905.	Gain.	Loss.	Per Cent.
BOLTS, NUTS, ETC.					
Capital invested, .....	\$1,754,000	\$2,131,000	\$377,000	.....	21.5
Cost of basic material, .....	505,453	1,574,952	1,069,499	.....	211.6
Average number of days, .....	240	303	63	.....	26.2
Number of employes, .....	750	1,287	537	.....	71.6
Aggregate wages paid, .....	319,833	553,093	233,260	.....	72.9
Value of product, .....	1,092,865	2,441,894	1,349,029	.....	123.4
Average yearly earnings, .....	426 44	430 42	3 98	.....	.9
Average daily wage, .....	1 78	1 42	.....	\$0 36	20.2
WIRE NAILS, RIVETS, ETC.					
Capital invested, .....	505,000	1,017,421	512,421	.....	101.5
Cost of basic material, .....	251,899	538,540	286,641	.....	113.8
Average number of days, .....	278	296	18	.....	6.5
Number of employes, .....	149	271	122	.....	81.9
Aggregate wages paid, .....	68,055	136,588	68,533	.....	100.7
Value of product, .....	460,664	904,730	444,066	.....	96.4
Average yearly earnings, .....	456 74	504 02	47 28	.....	10.4
Average daily wage, .....	1 64	1 70	06	.....	3.7
TACKS AND SMALL NAILS.					
Capital invested, .....	109,000	121,000	12,000	.....	11.0
Cost of basic material, .....	39,853	81,196	41,343	.....	103.7
Average number of days, .....	222	268	46	.....	20.7
Number of employes, .....	93	108	15	.....	16.1
Aggregate wages paid, .....	27,622	37,666	10,044	.....	36.4
Value of product, .....	95,516	159,604	64,088	.....	67.1
Average yearly earnings, .....	297 01	348 76	51 75	.....	17.4
Average daily wage, .....	1 34	1 30	.....	\$0 04	3.0
WIRE.					
Capital invested, .....	130,000	332,375	202,375	.....	155.7
Cost of basic material, .....	82,481	138,713	56,232	.....	68.2
Average number of days, .....	277	296	19	.....	6.9
Number of employes, .....	63	199	136	.....	215.9
Aggregate wages paid, .....	31,295	102,208	70,913	.....	226.6
Value of product, .....	165,738	385,848	220,110	.....	132.8
Average yearly earnings, .....	496 75	513 61	16 86	.....	3.4
Average daily wage, .....	1 79	1 73	.....	06	3.4

	1896.	1905.	Gain.	Loss.	Per Cent.
<b>WIRE ROPE.</b>					
Capital invested, .....	\$690,000	\$1,491,169	\$801,169	.....	116.1
Cost of basic material, .....	292,275	1,275,632	983,357	.....	336.4
Average number of days, .....	302	305	3	.....	1.0
Number of employes, .....	158	499	341	.....	215.8
Aggregate wages paid, .....	70,108	193,010	122,902	.....	175.3
Value of product, .....	615,004	1,920,536	1,305,532	.....	212.3
Average yearly earnings, .....	443 72	386 79	.....	56 93	12.8
Average daily wage, .....	1 47	1 27	.....	20	13.6
<b>WIRE GOODS.</b>					
Capital invested, .....	150,950	182,705	31,755	.....	21.0
Cost of basic material, .....	45,611	105,683	60,072	.....	131.7
Average number of days, .....	296	291	.....	5	1.7
Number of employes, .....	194	228	34	.....	17.5
Aggregate wages paid, .....	56,708	81,560	24,852	.....	43.8
Value of product, .....	217,040	350,980	133,940	.....	61.7
Average yearly earnings, .....	292 31	357 72	65 41	.....	22.4
Average daily wage, .....	99	1 23	24	.....	24.2
<b>WAGON, CARRIAGE, AXLES AND SPRINGS.</b>					
Capital invested, .....	537,000	499,200	.....	\$37,800	7.0
Cost of basic material, .....	151,834	370,805	218,971	.....	144.2
Average number of days, .....	257	294	37	.....	14.4
Number of employes, .....	312	775	463	.....	148.4
Aggregate wages paid, .....	160,000	363,521	203,521	.....	127.2
Value of product, .....	503,498	1,172,410	668,912	.....	132.9
Average yearly earnings, .....	512 82	469 06	.....	43 76	8.5
Average daily wage, .....	2 00	1 56	.....	44	22.0
<b>SCALES.</b>					
Capital invested, .....	126,000	421,000	295,000	.....	234.1
Cost of basic material, .....	72,428	157,500	85,072	.....	117.5
Average number of days, .....	276	298	22	.....	8.0
Number of employes, .....	98	208	110	.....	112.2
Aggregate wages paid, .....	59,550	143,162	83,612	.....	140.4
Value of product, .....	211,592	505,947	294,355	.....	139.1
Average yearly earnings, .....	607 65	688 28	80 63	.....	13.8
Average daily wage, .....	2 20	2 31	11	.....	5.0

	1896.	1905.	Gain.	Loss.	Per Cent.
STOVES, RANGES, HEATERS,					
Capital invested, .....	\$5,288,362	\$6,970,500	\$1,682,138	.....	31.8
Cost of basic material, .....	824,232	1,563,262	739,030	.....	89.7
Average number of days, .....	210	272	62	.....	29.5
Number of employes, .....	3,350	3,695	345	.....	10.3
Aggregate wages paid, .....	1,579,529	2,318,026	738,497	.....	46.8
Value of product, .....	3,999,486	5,743,639	1,744,153	.....	43.6
Average yearly earnings, .....	471 50	627 32	155 82	.....	33.0
Average daily wage, .....	2 25	2 32	07	.....	3.1
BATH BOILERS, TANKS, ETC.					
Capital invested, .....	52,820	105,500	52,680	.....	99.7
Cost of basic material, .....	33,394	75,893	42,499	.....	127.3
Average number of days, .....	309	303	.....	6	2.0
Number of employes, .....	26	45	19	.....	73.1
Aggregate wages paid, .....	12,091	21,818	9,727	.....	80.4
Value of product, .....	61,186	140,487	79,301	.....	129.6
Average yearly earnings, .....	465 04	484 85	19 81	.....	4.3
Average daily wage, .....	1 50	1 60	10	.....	6.7
HARDWARE SPECIALTIES.					
Capital invested, .....	2,950,906	4,037,539	1,086,633	.....	36.8
Cost of basic material, .....	616,848	1,332,962	716,114	.....	116.1
Average number of days, .....	266	294	28	.....	10.5
Number of employes, .....	2,388	3,304	916	.....	38.4
Aggregate wages paid, .....	974,873	1,554,984	580,111	.....	59.5
Value of product, .....	2,321,910	4,522,333	2,200,423	.....	94.8
Average yearly earnings, .....	408 24	470 65	62 41	.....	15.3
Average daily wage, .....	1 53	1 60	07	.....	4.6
EDGE TOOLS.					
Capital invested, .....	\$1,675,197	1,428,460	.....	\$246,737	14.7
Cost of basic material, .....	453,478	419,734	.....	33,744	7.4
Average number of days, .....	246	271	25	.....	10.2
Number of employes, .....	818	862	44	.....	5.4
Aggregate wages paid, .....	356,401	470,453	114,052	.....	32.0
Value of product, .....	1,083,068	1,437,603	354,535	.....	32.7
Average yearly earnings, .....	435 70	545 77	110.07	.....	25.3
Average daily wage, .....	1 77	2 01	24	.....	13.5

	1896.	1905.	Gain.	Loss.	Per Cent.
WRENCHES, PICKS, ETC.					
Capital invested, .....	\$564,000	\$538,472	.....	\$25,528	4.5
Cost of basic material, .....	118,234	277,334	159,100	.....	134.5
Average number of days, .....	240	284	44	.....	18.0
Number of employes, .....	248	398	150	.....	60.5
Aggregate wages paid, .....	106,369	224,294	117,925	.....	110.8
Value of product, .....	363,054	841,245	478,191	.....	131.7
Average yearly earnings, .....	428 91	563 55	134 64	.....	31.4
Average daily wage, .....	1 79	1 98	19	.....	10.6
LOCOMOTIVES AND CARS BUILT AND REPAIRED.					
Capital invested, .....	1,464,400	1,915,500	451,100	.....	30.8
Cost of basic material, .....	3,738,754	10,665,112	6,926,358	.....	185.2
Average number of days, .....	273	299	26	.....	9.5
Number of employes, .....	6,254	11,436	5,182	.....	82.8
Aggregate wages paid, .....	3,035,897	7,191,926	4,156,029	.....	136.8
Value of product, .....	6,983,962	18,867,645	11,883,683	.....	170.2
Average yearly earnings, .....	485 43	628 88	143 45	.....	29.5
Average daily wage, .....	1 78	2 10	32	.....	18.0
WROUGHT IRON PIPE AND TUBES.					
Capital invested, .....	13,555,000	14,101,131	546,131	.....	4.0
Cost of basic material, .....	7,973,945	13,441,626	5,467,681	.....	68.6
Average number of days, .....	283	295	12	.....	4.2
Number of employes, .....	5,324	5,908	584	.....	10.9
Aggregate wages paid, .....	2,170,688	3,579,974	1,409,286	.....	64.9
Value of product, .....	11,607,420	20,658,392	8,750,972	.....	73.5
Average yearly earnings, .....	407 72	605 95	198 23	.....	48.6
Average daily wage, .....	1 44	2 05	61	.....	42.3
CAST IRON PIPE.					
Capital invested, .....	340,060	603,500	263,500	.....	77.5
Cost of basic material, .....	573,580	1,879,541	1,296,961	.....	226.1
Average number of days, .....	363	309	6	.....	2.0
Number of employes, .....	507	1,183	676	.....	133.3
Aggregate wages paid, .....	209,338	576,186	366,848	.....	175.5
Value of product, .....	862,648	2,693,303	1,830,655	.....	212.2
Average yearly earnings, .....	412 89	487 06	74 17	.....	17.9
Average daily wage, .....	1 37	1 57	20	.....	14.6

	1896.	1905.	Gain.	Loss.	Per Cent.
<b>BRASS, COPPER AND BRONZE GOODS.</b>					
Capital invested, .....	\$1,818,192	\$3,285,850	\$1,467,658	.....	80.7
Cost of basic material, .....	1,132,224	3,324,934	2,192,710	.....	193.6
Average number of days, .....	295	301	6	.....	2.0
Number of employes, .....	1,182	1,737	555	.....	46.9
Aggregate wages paid, .....	481,087	951,718	470,631	.....	97.8
Value of product, .....	2,183,935	5,183,157	2,999,222	.....	137.2
Average yearly earnings, .....	407 01	547 91	140 90	.....	34.6
Average daily wage, .....	1 38	1 82	44	.....	31.9
<b>IRON AND STEEL BRIDGES.</b>					
Capital invested, .....	961,050	3,142,800	2,181,750	.....	22.8
Cost of basic material, .....	2,008,501	6,603,110	4,594,609	.....	228.7
Average number of days, .....	294	301	7	.....	2.4
Number of employes, .....	1,169	3,226	2,057	.....	176.0
Aggregate wages paid, .....	590,081	1,821,349	1,231,268	.....	208.6
Value of product, .....	3,429,136	11,037,325	7,608,189	.....	221.8
Average yearly earnings, .....	504 77	564 59	59 82	.....	11.8
Average daily wage, .....	1 72	1 87	15	.....	8.7
<b>LOCOMOTIVES, STATIONARY ENGINES, ETC.</b>					
Capital invested, .....	11,222,730	21,292,594	10,069,864	.....	89.7
Cost of basic material, .....	4,229,510	21,615,286	17,385,776	.....	411.3
Average number of days, .....	306	306	.....	.....	.....
Number of employes, .....	5,587	18,228	12,641	.....	226.3
Aggregate wages paid, .....	3,137,295	11,983,973	8,846,678	.....	275.6
Value of product, .....	8,792,061	42,668,313	33,876,252	.....	385.3
Average yearly earnings, .....	561 53	657 44	95 91	.....	17.1
Average daily wage, .....	1 84	2 15	31	.....	16.8
<b>ENGINES, BOILERS, ETC.</b>					
Capital invested, .....	3,641,988	5,159,735	1,517,747	.....	41.7
Cost of basic material, .....	1,403,962	2,429,021	1,025,059	.....	73.0
Average number of days, .....	295	298	3	.....	1.0
Number of employes, .....	1,687	2,283	596	.....	35.3
Aggregate wages paid, .....	875,205	1,347,147	471,942	.....	53.9
Value of product, .....	2,885,755	4,732,195	1,846,440	.....	63.9
Average yearly earnings, .....	518 70	590 07	71 28	.....	13.3
Average daily wage, .....	1 76	1 98	22	.....	12.5



	1896.	1905.	Gain.	Loss.	Per Cent.
<b>CAR SPRINGS, AXLES AND RAILWAY SUPPLIES.</b>					
Capital invested, .....	\$4,400,325	\$11,676,548	\$7,276,223	.....	165.3
Cost of basic material, .....	1,797,987	17,087,297	15,289,410	.....	850.3
Average number of days, .....	257	309	52	.....	20.2
Number of employes, .....	1,948	7,919	5,971	.....	306.5
Aggregate wages paid, .....	'806,002	4,004,692	'3,198,690	.....	396.8
Value of product, .....	3,451,325	22,788,125	19,336,800	.....	560.2
Number of employes, .....	4,044	5,548	1,504	.....	37.2
Average daily wage, .....	1 61	1 64	03	.....	1.9
<b>IRON VESSELS AND ENGINES.</b>					
Capital invested, .....	7,039,973	17,143,140	10,103,167	.....	143.5
Cost of basic material, .....	1,923,035	4,483,679	2,560,644	.....	133.1
Average number of days, .....	306	303	.....	3	1.0
Number of employes, .....	4,044	5,548	1,504	.....	37.2
Aggregate wages paid, .....	'2,320,747	3,540,875	1,220,128	.....	52.7
Value of product, .....	4,991,255	9,611,980	4,620,725	.....	92.6
Average yearly earnings, .....	573 87	638 23	64 36	.....	11.2
Average daily wage, .....	1 88	2 11	23	.....	12.2
<b>BOILERS, TANKS, STACKS, ETC.</b>					
Capital invested, .....	1,494,562	3,112,360	1,617,798	.....	108.3
Cost of basic material, .....	657,686	2,157,695	1,500,009	.....	228.1
Average number of days, .....	300	300	.....	.....	.....
Number of employes, .....	1,001	2,465	1,464	.....	146.2
Aggregate wages paid, .....	'477,949	998,697	520,748	.....	108.9
Value of product, .....	1,742,562	4,373,430	2,630,868	.....	150.9
Average yearly earnings, .....	477 47	405 15	.....	\$72 32	15.1
Average daily wage, .....	1 59	1 35	.....	24	15.1
<b>MACHINERY.</b>					
Capital invested, .....	8,537,208	12,679,304	4,092,096	.....	47.5
Cost of basic material, .....	1,699,507	3,291,852	1,592,345	.....	93.7
Average number of days, .....	301	302	1	.....	.3
Number of employes, .....	3,660	4,831	1,171	.....	31.9
Aggregate wages paid, .....	'1,909,304	2,870,195	'960,891	.....	50.3
Value of product, .....	5,254,323	9,870,316	4,615,993	.....	87.8
Average yearly earnings, .....	521 67	594 12	72 45	.....	13.9
Average daily wage, .....	1 73	1 97	24	.....	13.9

	1896.	1905.	Gain.	Loss.	Per Cent.
FOUNDRIES AND MACHINE SHOPS.					
Capital invested, .....	\$2,991,550	\$6,889,818	\$3,898,268	.....	130.2
Cost of basic material, .....	855,744	3,503,674	2,647,930	.....	309.6
Average number of days, .....	286	291	5	.....	1.7
Number of employes, .....	2,058	4,158	2,100	.....	102.0
Aggregate wages paid, .....	925,035	2,312,602	1,387,567	.....	150.0
Value of product, .....	2,572,580	8,399,965	5,827,385	.....	226.5
Average yearly earnings, .....	449 48	556 18	106 70	.....	23.8
Average daily wage, .....	1 57	1 91	34	.....	21.7
FILES.					
Capital invested, .....	510,000	520,000	10,000	.....	2.0
Cost of basic material, .....	95,440	163,241	67,801	.....	71.0
Average number of days, .....	275	303	28	.....	10.2
Number of employes, .....	331	503	172	.....	51.9
Aggregate wages paid, .....	108,895	196,556	87,661	.....	80.5
Value of product, .....	321,222	690,120	368,898	.....	114.8
Average yearly earnings, .....	328 99	390 77	61 78	.....	18.7
Average daily wage, .....	1 20	1 29	09	.....	7.5
SAWS.					
Capital invested, .....	310,000	304,000	.....	\$6,000	1.9
Cost of basic material, .....	37,000	38,282	1,282	.....	3.4
Average number of days, .....	229	289	60	.....	26.2
Number of employes, .....	56	54	.....	2	3.5
Aggregate wages paid, .....	25,745	29,514	3,769	.....	14.6
Value of product, .....	88,186	106,759	18,573	.....	21.1
Average yearly earnings, .....	459 73	546 55	86 82	.....	18.8
Average daily wage, .....	2 01	1 89	.....	12	5.9
PLUMBERS' SUPPLIES.					
Capital invested, .....	2,105,078	2,309,218	204,140	.....	9.7
Cost of basic material, .....	*	468,542	.....	.....	.....
Average number of days, .....	281	318	37	.....	13.2
Number of employes, .....	960	1,075	115	.....	12.0
Aggregate wages paid, .....	418,464	524,330	105,466	.....	25.2
Value of product, .....	1,078,000	1,586,543	508,543	.....	47.2
Average yearly earnings, .....	436 32	487 75	51 43	.....	11.7
Average daily wage, .....	1 55	1 53	.....	02	1.2

\*Report on basic material for year 1896 incomplete.

	1896.	1905.	Gain.	Loss.	Per Cent.
ELECTRICAL SUPPLIES.					
Capital invested, .....	\$12,412,879	\$26,673,700	\$14,260,821	.....	111.8
Cost of basic material, .....	1,289,457	6,741,141	5,451,684	.....	422.8
Average number of days, .....	289	305	16	.....	5.5
Number of employes, .....	2,413	9,758	7,345	.....	304.4
Aggregate wages paid, .....	1,229,306	5,438,968	4,209,662	.....	312.4
Value of product, .....	3,484,436	19,048,709	15,564,272	.....	446.7
Average yearly earnings, .....	509 45	557 38	47 93	.....	9.4
Average daily wage, .....	1 76	1 83	07	.....	4.0
SHOVELS, SPADES, SCOOPS, ETC.					
Capital invested, .....	651,100	1,088,989	437,889	.....	67.3
Cost of basic material, .....	513,871	815,897	502,026	.....	159.9
Average number of days, .....	210	291	81	.....	38.6
Number of employes, .....	545	721	176	.....	32.3
Aggregate wages paid, .....	217,581	411,310	193,729	.....	89.0
Value of product, .....	813,573	1,557,565	743,992	.....	91.4
Average yearly earnings, .....	299 23	570 47	171 24	.....	42.9
Average daily wage, .....	1 90	1 96	06	.....	3.2
SAFES AND VAULT DOORS.					
Capital invested, .....	80,000	555,217	475,217	.....	594.0
Cost of basic material, .....	66,274	166,302	100,028	.....	150.9
Average number of days, .....	307	302	.....	5	1.6
Number of employes, .....	128	306	178	.....	139.1
Aggregate wages paid, .....	54,556	134,057	79,501	.....	145.7
Value of product, .....	151,546	481,559	330,053	.....	217.8
Average yearly earnings, .....	426 22	438 09	11 87	.....	2.8
Average daily wage, .....	1 39	1 45	06	.....	4.3
METAL AND METALLIC GOODS.					
Capital invested, .....	289,400	735,000	454,600	.....	162.1
Cost of basic material, .....	47,136	43,805	.....	\$3,331	7.1
Average number of days, .....	234	181	.....	50	21.4
Number of employes, .....	194	126	.....	68	35.1
Aggregate wages paid, .....	58,892	43,183	.....	15,709	26.7
Value of product, .....	161,989	104,702	.....	57,287	35.4
Average yearly earnings, .....	303 56	342 72	39 16	.....	12.9
Average daily wage, .....	1 29	1 86	57	.....	44.2

	1896.	1905.	Gain.	Loss.	Per Cent.
<b>BUILDING AND STRUCTURAL IRON WORK.</b>					
Capital invested, .....	\$823,000	\$1,083,950	\$260,950	.....	31.7
Cost of basic material, .....	522,584	3,673,474	3,150,890	.....	602.9
Average number of days, .....	301	306	5	.....	1.7
Number of employes, .....	752	2,011	1,259	.....	167.4
Aggregate wages paid, .....	382,148	1,239,582	857,434	.....	224.4
Value of product, .....	1,195,156	7,308,652	6,113,496	.....	511.5
Average yearly earnings, .....	508 18	616 40	108 22	.....	21.3
Average daily wage, .....	1 60	2 01	41	.....	25.6
<b>IRON CHAINS.</b>					
Capital invested, .....	253,542	482,443	228,901	.....	90.3
Cost of basic material, .....	127,022	450,304	323,282	.....	254.5
Average number of days, .....	264	267	3	.....	1.1
Number of employes, .....	231	582	351	.....	151.9
Aggregate wages paid, .....	391,526	317,811	226,285	.....	247.2
Value of product, .....	331,059	1,067,608	736,549	.....	222.5
Average yearly earnings, .....	396 22	546 07	149 85	.....	37.8
Average daily wage, .....	1 50	2 05	55	.....	36.7
<b>IRON FENCES AND RAILINGS.</b>					
Capital invested, .....	40,500	196,024	155,524	.....	384.0
Cost of basic material, .....	47,937	502,672	454,735	.....	948.6
Average number of days, .....	293	306	13	.....	4.4
Number of employes, .....	79	482	403	.....	510.1
Aggregate wages paid, .....	37,512	239,998	202,486	.....	539.8
Value of product, .....	119,561	935,383	815,822	.....	682.7
Average yearly earnings, .....	474 84	497 90	23 06	.....	4.9
Average daily wage, .....	1 62	1 63	01	.....	.6
<b>AGRICULTURAL IMPLE- MENTS.</b>					
Capital invested, .....	783,000	2,952,818	2,169,818	.....	277.1
Cost of basic material, .....	1,005,331	1,870,684	865,353	.....	86.1
Average number of days, .....	287	302	15	.....	5.2
Number of employes, .....	1,251	2,039	788	.....	62.9
Aggregate wages paid, .....	558,767	1,020,461	461,694	.....	82.6
Value of product, .....	2,201,939	4,740,528	2,538,589	.....	115.3
Average yearly earnings, .....	466 66	500 47	33 81	.....	7.2
Average daily wage, .....	1 56	1 66	10	.....	6.4

	1896.	1905.	Gain.	Loss.	Per Cent.
STEAM PUMPS.					
Capital invested, .....	\$280,000	\$582,556	\$302,556	.....	108.1
Cost of basic material, .....	146,725	120,529	.....	\$26,196	17.8
Average number of days, .....	307	262	.....	45	14.7
Number of employes, .....	153	185	32	.....	20.9
Aggregate wages paid, .....	121,368	159,427	38,059	.....	31.4
Value of product, .....	334,056	398,325	64,269	.....	19.2
Average yearly earnings, .....	793 26	861 77	68 51	.....	8.6
Average daily wage, .....	2 58	3 29	71	.....	27.5
PIANOS AND ORGANS.					
Capital invested, .....	51,000	588,184	537,184	.....	1,053.3
Cost of basic material, .....	32,563	73,237	40,674	.....	124.9
Average number of days, .....	271	296	25	.....	9.2
Number of employes, .....	80	164	84	.....	105.0
Aggregate wages paid, .....	33,894	73,663	39,769	.....	117.3
Value of product, .....	94,327	195,271	100,944	.....	107.0
Average yearly earnings, .....	423 67	449 16	25 49	.....	6.0
Average daily wage, .....	1 56	1 52	.....	04	2.6
TINWARE.					
Capital invested, .....	372,700	930,000	557,300	.....	149.5
Cost of basic material, .....	218,233	625,917	407,684	.....	186.8
Average number of days, .....	301	298	.....	3	1.0
Number of employes, .....	284	1,003	719	.....	253.2
Aggregate wages paid, .....	107,539	326,001	218,462	.....	203.1
Value of product, .....	477,000	1,166,619	689,619	.....	144.6
Average yearly earnings, .....	378 66	325 02	53 64	.....	14.2
Average daily wage, .....	1 26	1 09	.....	17	13.5
PAPER MANUFACTURE.					
Capital invested, .....	4,257,961	7,127,499	2,869,538	.....	67.4
Cost of basic material, .....	1,583,061	2,464,191	881,130	.....	55.7
Average number of days, .....	262	298	36	.....	13.7
Number of employes, .....	1,521	2,006	485	.....	31.9
Aggregate wages paid, .....	580,874	969,731	388,857	.....	66.9
Value of product, .....	3,370,998	6,142,043	2,771,045	.....	82.2
Average yearly earnings, .....	381 90	483 41	101 51	.....	26.6
Average daily wage, .....	1 46	1 62	16	.....	10.9

	1896.	1905.	Gain.	Loss.	Per Cent.
WALL PAPER.					
Capital invested, .....	\$285,000	\$550,000	\$265,000	.....	93.0
Cost of basic material, .....	356,658	466,404	109,746	.....	30.8
Average number of days, .....	254	300	46	.....	18.1
Number of employes, .....	330	288	.....	42	12.7
Aggregate wages paid, .....	103,844	111,154	7,310	.....	7.0
Value of product, .....	709,613	779,154	69,541	.....	9.8
Average yearly earnings, .....	314 67	385 95	71 28	.....	22.6
Average daily wage, .....	1 24	1 28	04	.....	3.2
CIGARS.					
Capital invested, .....	2,720,477	5,063,392	2,332,915	.....	85.8
Cost of basic material, .....	2,621,513	5,060,670	2,439,157	.....	93.0
Average number of days, .....	287	285	.....	2	.7
Number of employes, .....	6,362	9,741	3,379	.....	53.1
Aggregate wages paid, .....	1,754,415	3,043,809	1,289,394	.....	73.5
Value of product, .....	6,908,268	11,848,123	4,939,855	.....	71.5
Average yearly earnings, .....	275 76	312 47	36 71	.....	13.3
Average daily wage, .....	96	1 10	14	.....	14.6
BOOK BINDING.					
Capital invested, .....	125,000	165,000	40,000	.....	32.0
Cost of basic material, .....	62,699	70,027	7,328	.....	11.7
Average number of days, .....	301	308	7	.....	2.3
Number of employes, .....	138	164	26	.....	18.8
Aggregate wages paid, .....	64,957	96,862	31,905	.....	49.1
Value of product, .....	167,856	232,345	64,489	.....	38.4
Average yearly earnings, .....	470 70	590 62	119 92	.....	25.5
Average daily wage, .....	1 56	1 92	36	.....	23.1
CORDAGE, ROPE AND TWINE.					
Capital invested, .....	3,260,00	4,768,008	1,508,008	.....	46.2
Cost of basic material, .....	3,362,991	5,957,748	2,594,757	.....	77.2
Average number of days, .....	288	285	.....	3	1.0
Number of employes, .....	2,055	2,588	533	.....	25.9
Aggregate wages paid, .....	618,977	766,755	147,778	.....	23.9
Value of product, .....	4,777,490	8,361,375	3,583,885	.....	75.0
Average yearly earnings, .....	301 21	296 27	.....	\$4 94	1.6
Average daily wage, .....	1 05	1 04	.....	01	1.0



	1896.	1905.	Gain.	Loss.	Per Cent.
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## PAPER, PAPER BOXES, ENVELOPES, ETC.

Capital invested, .....	\$1,464,380	\$2,554,495	\$1,090,115	.....	74.4
Cost of basic material, .....	921,157	1,094,714	683,557	.....	74.2
Average number of days, .....	297	297	.....	.....	.....
Number of employes, .....	1,799	2,235	436	.....	24.2
Aggregate wages paid, .....	488,894	711,017	222,123	.....	45.4
Value of product, .....	1,985,909	3,217,371	1,231,462	.....	62.1
Average yearly earnings, .....	271 76	318 13	46 37	.....	17.1
Average daily wage, .....	91	1 07	16	.....	17.6

## POTTERY.

Capital invested, .....	510,000	598,358	88,358	.....	17.3
Cost of basic material, .....	68,215	75,143	6,928	.....	10.2
Average number of days, .....	302	305	3	.....	1.0
Number of employes, .....	146	166	20	.....	13.7
Aggregate wages paid, .....	72,562	91,027	18,465	.....	25.4
Value of product, .....	206,732	276,732	70,000	.....	33.9
Average yearly earnings, .....	497 00	548 35	49 35	.....	9.9
Average daily wage, .....	1 64	1 80	16	.....	9.8

## PAVING BRICK.

Capital invested, .....	481,200	878,508	397,308	.....	82.6
Cost of basic material, .....	32,949	97,914	64,965	.....	197.2
Average number of days, .....	255	267	12	.....	4.7
Number of employes, .....	437	549	112	.....	25.6
Aggregate wages paid, .....	142,710	225,049	82,339	.....	57.7
Value of product, .....	333,078	633,468	300,390	.....	90.2
Average yearly earnings, .....	326 54	409 92	83 38	.....	25.5
Average daily wage, .....	1 28	1 53	25	.....	19.5

## BUILDING BRICK.

Capital invested, .....	3,244,700	6,523,133	3,278,433	.....	101.0
Cost of basic material, .....	139,763	205,855	66,092	.....	47.3
Average number of days, .....	237	239	2	.....	0.8
Number of employes, .....	1,687	2,118	431	.....	25.5
Aggregate wages paid, .....	602,265	850,012	247,747	.....	41.1
Value of product, .....	1,369,641	2,245,832	876,191	.....	64.0
Average yearly earnings, .....	357 22	401 33	44 11	.....	12.3
Average daily wage, .....	1 51	1 68	17	.....	11.3

	1896.	1905.	Gain.	Loss.	Per Cent.
FIRE BRICK.					
Capital invested, .....	\$2,240,600	\$12,599,606	\$10,359,006	.....	462.3
Cost of basic material, .....	423,138	747,551	324,413	.....	76.7
Average number of days, .....	283	296	13	.....	4.6
Number of employes, .....	1,868	2,588	720	.....	38.5
Aggregate wages paid, .....	727,162	1,375,445	648,283	.....	89.2
Value of product, .....	1,639,926	3,500,191	1,860,265	.....	113.4
Average yearly earnings, .....	389 26	531 47	142 21	.....	36.5
Average daily wage, .....	1 37	1 80	43	.....	31.4
SLATE ROOFING.					
Capital invested, .....	1,533,367	1,903,616	370,249	.....	24.1
Cost of basic material, .....	88,262	193,479	105,217	.....	119.2
Average number of days, .....	233	245	12	.....	5.1
Number of employes, .....	2,084	2,470	386	.....	18.5
Aggregate wages paid, .....	649,377	1,036,043	386,666	.....	59.5
Value of product, .....	980,742	1,669,672	688,930	.....	70.2
Average yearly earnings, .....	311 12	419 45	108 33	.....	34.8
Average daily wage, .....	1 33	1 71	38	.....	28.6
WINDOW GLASS, BOTTLES AND TABLE GOODS.					
Capital invested, .....	13,332,300	14,865,020	1,532,720	.....	11.5
Cost of basic material, .....	1,482,143	2,621,173	1,139,030	.....	76.9
Average number of days, .....	242	279	37	.....	15.3
Number of employes, .....	6,911	10,880	3,969	.....	57.4
Aggregate wages paid, .....	2,620,250	5,287,176	2,666,926	.....	101.8
Value of product, .....	5,857,448	10,918,723	5,061,275	.....	86.4
Average yearly earnings, .....	379 14	485 95	106 81	.....	28.2
Average daily wage, .....	1 56	1 74	18	.....	11.5
GLAZED AND CHROME KID.					
Capital invested, .....	3,857,983	8,324,926	4,466,943	.....	115.8
Cost of basic material, .....	5,635,016	12,529,286	6,894,270	.....	122.3
Average number of days, .....	299	298	.....	1	.3
Number of employes, .....	2,725	4,310	1,585	.....	58.2
Aggregate wages paid, .....	962,312	2,011,053	1,048,711	.....	109.0
Value of product, .....	8,049,657	19,533,125	11,483,468	.....	142.6
Average yearly earnings, .....	353 15	466 60	113 45	.....	32.1
Average daily wage, .....	1 18	1 57	39	.....	33.1

	1896.	1905.	Gain.	Loss.	Per Cent.
MEN'S, WOMEN'S, MISSES' AND CHILDREN'S SHOES.					
Capital invested, .....	\$1,927,663	\$2,532,761	\$605,098	.....	31.3
Cost of basic material, .....	2,367,122	3,916,239	1,549,117	.....	65.4
Average number of days, .....	281	258	17	.....	6.0
Number of employees, .....	3,055	3,145	590	.....	12.8
Aggregate wages paid, .....	1,045,202	1,425,600	379,798	.....	36.3
Value of product, .....	4,554,512	6,185,265	1,830,752	.....	42.0
Average yearly earnings, .....	342 13	413 64	71 51	.....	20.9
Average daily wage, .....	1 22	1 39	17	.....	13.9
SUSPENDERS.					
Capital invested, .....	\$2,000	216,700	134,700	.....	164.2
Cost of basic material, .....	200,936	676,000	475,064	.....	236.4
Average number of days, .....	295	297	2	.....	.7
Number of employees, .....	110	243	133	.....	120.9
Aggregate wages paid, .....	30,936	84,450	53,514	.....	172.9
Value of product, .....	319,100	986,500	667,400	.....	209.1
Average yearly earnings, .....	281 24	346 11	64 87	.....	23.1
Average daily wage, .....	95	1 17	22	.....	23.1
HATS AND CAPS.					
Capital invested, .....	273,592	345,458	71,866	.....	26.3
Cost of basic material, .....	284,490	401,779	117,289	.....	41.2
Average number of days, .....	284	287	3	.....	1.1
Number of employees, .....	490	563	73	.....	14.9
Aggregate wages paid, .....	121,160	222,274	101,114	.....	83.4
Value of product, .....	525,607	980,543	454,936	.....	86.6
Average yearly earnings, .....	296 23	394 80	98 57	.....	33.3
Average daily wage, .....	1 22	1 37	15	.....	12.3
FUR AND FELT HATS.					
Capital invested, .....	2,773,726	3,902,189	1,128,463	.....	40.7
Cost of basic material, .....	443,621	1,409,374	965,753	.....	217.9
Average number of days, .....	307	306	.....	1	.3
Number of employees, .....	963	3,444	2,481	.....	257.6
Aggregate wages paid, .....	385,170	1,620,388	1,235,218	.....	320.7
Value of product, .....	1,447,818	5,066,090	3,618,272	.....	249.9
Average yearly earnings, .....	399 97	470 50	70 53	.....	17.6
Average daily wage, .....	1 30	1 54	24	.....	18.4

	1896.	1905.	Gain.	Loss.	Per Cent.
<b>WOOL HATS.</b>					
Capital invested, .....	\$288,997	\$376,772	\$87,775	.....	30.3
Cost of basic material, .....	237,917	358,944	138,855	.....	58.3
Average number of days, .....	274	238	.....	36	13.1
Number of employes, .....	365	405	40	.....	10.9
Aggregate wages paid, .....	119,023	153,420	34,397	.....	28.8
Value of product, .....	474,177	592,307	118,130	.....	24.9
Average yearly earnings, .....	326 09	378 81	52 72	.....	16.2
Average daily wage, .....	1 19	1 59	40	.....	33.6
<b>UMBRELLAS AND PARASOLS.</b>					
Capital invested, .....	407,435	811,576	404,141	.....	99.2
Cost of basic material, .....	656,219	718,164	61,945	.....	9.4
Average number of days, .....	307	305	.....	2	.6
Number of employes, .....	589	427	.....	162	27.5
Aggregate wages paid, .....	136,441	136,869	428	.....	.3
Value of product, .....	1,109,989	1,037,468	.....	\$72,521	6.5
Average yearly earnings, .....	231 65	320 54	88 89	.....	38.4
Average daily wage, .....	75	1 05	30	.....	40.0
<b>DRESS TRIMMINGS, BRAIDS,</b>					
Capital invested, .....	1,158,296	1,891,500	733,204	.....	63.3
Cost of basic material, .....	536,719	1,351,092	814,373	.....	151.7
Average number of days, .....	287	302	15	.....	5.2
Number of employes, .....	1,104	1,667	563	.....	50.9
Aggregate wages paid, .....	299,043	515,983	216,940	.....	72.5
Value of product, .....	1,218,500	2,511,247	1,392,747	.....	113.5
Average yearly earnings, .....	270 87	309 53	38 66	.....	14.3
Average daily wage, .....	94	1 02	08	.....	8.5
<b>SHIRTS AND SHIRT WAISTS.</b>					
Capital invested, .....	880,500	1,175,496	294,996	.....	33.5
Cost of basic material, .....	934,153	1,948,554	1,014,401	.....	108.6
Average number of days, .....	286	298	12	.....	4.2
Number of employes, .....	1,670	2,621	951	.....	56.9
Aggregate wages paid, .....	499,108	957,214	458,106	.....	91.8
Value of product, .....	2,006,491	3,752,303	1,745,812	.....	87.1
Average yearly earnings, .....	298 87	365 21	66 34	.....	22.2
Average daily wage, .....	1 05	1 23	18	.....	17.1

	1896.	1905.	Gain.	Loss.	Per Cent.
NECKWEAR.					
Capital invested, .....	\$135,000	\$135,000	.....	.....	.....
Cost of basic material, .....	217,642	189,409	.....	\$28,233	12.9
Average number of days, .....	308	306	.....	2	.6
Number of employes, .....	190	143	.....	47	24.7
Aggregate wages paid, .....	72,910	48,240	.....	24,670	33.8
Value of product, .....	381,745	306,811	.....	74,934	19.6
Average yearly earnings, .....	383 74	337 34	.....	46 40	12.1
Average daily wage, .....	1 25	1 10	.....	15	12.0
COTTON AND WOOLEN CLOTH.					
Capital invested, .....	2,725,847	4,023,705	1,297,858	.....	47.6
Cost of basic material, .....	2,498,212	5,093,990	2,595,778	.....	103.9
Average number of days, .....	273	297	24	.....	8.8
Number of employes, .....	3,920	4,930	1,010	.....	25.8
Aggregate wages paid, .....	1,267,417	1,942,926	675,509	.....	53.3
Value of product, .....	4,758,580	8,476,016	3,717,436	.....	78.2
Average yearly earnings, .....	323 32	394 10	70 78	.....	21.9
Average daily wage, .....	1 18	1 33	15	.....	11.7
CARPETS.					
Capital invested, .....	3,150,625	4,000,027	849,402	.....	26.9
Cost of basic material, .....	2,131,394	3,992,116	1,860,722 -	.....	87.3
Average number of days, .....	264	293	29	.....	10.9
Number of employes, .....	2,263	2,732	469	.....	20.7
Aggregate wages paid, .....	784,416	1,155,284	370,868	.....	47.3
Value of product, .....	3,632,760	6,483,131	2,850,371	.....	78.4
Average yearly earnings, .....	346 63	422 88	76 25	.....	22.0
Average daily wage, .....	1 31	1 44	13	.....	9.1
COTTON GOODS.					
Capital invested, .....	2,097,649	2,825,429	727,780	.....	34.7
Cost of basic material, .....	1,268,142	1,932,531	664,389	.....	52.4
Average number of days, .....	263	299	36	.....	13.7
Number of employes, .....	2,412	2,498	86	.....	3.6
Aggregate wages paid, .....	683,726	931,306	247,580	.....	36.2
Value of product, .....	2,324,292	3,666,103	1,341,811	.....	57.7
Average yearly earnings, .....	283 47	372 82	89 35	.....	31.5
Average daily wage, .....	1 08	1 25	17	.....	12.1

	1896.	1905.	Gain.	Loss.	Per Cent.
WOOLEN AND WORSTED CASSIMERES.					
Capital invested, .....	\$1,261,633	\$1,430,445	\$168,812	.....	13.4
Cost of basic material, .....	1,009,246	2,480,182	1,470,936	.....	145.7
Average number of days, .....	269	291	22	.....	8.2
Number of employes, .....	1,332	2,735	1,403	.....	105.3
Aggregate wages paid, .....	411,969	997,801	585,832	.....	141.7
Value of product, .....	1,932,777	4,255,797	2,323,020	.....	120.2
Average yearly earnings, .....	309 29	364 82	55 53	.....	17.9
Average daily wage, .....	1 15	1 25	10	.....	8.7
WOOLEN AND WORSTED FABRICS.					
Capital invested, .....	2,792,236	3,954,004	1,161,768	.....	42.5
Cost of basic material, .....	1,929,913	5,523,308	3,593,395	.....	186.2
Average number of days, .....	244	300	56	.....	22.9
Number of employes, .....	2,616	3,374	758	.....	29.0
Aggregate wages paid, .....	728,707	1,337,624	608,917	.....	83.5
Value of product, .....	3,575,713	8,819,219	5,243,506	.....	146.6
Average yearly earnings, .....	278 56	396 45	117 89	.....	42.3
Average daily wage, .....	1 14	1 32	18	.....	15.8
WOOLEN AND WORSTED YARNS.					
Capital invested, .....	2,669,270	3,297,578	628,308	.....	23.5
Cost of basic material, .....	1,211,445	3,430,805	2,219,360	.....	183.2
Average number of days, .....	248	292	44	.....	17.7
Number of employes, .....	1,526	2,130	604	.....	39.6
Aggregate wages paid, .....	411,043	688,374	277,331	.....	67.5
Value of product, .....	2,012,851	4,943,719	2,930,868	.....	145.6
Average yearly earnings, .....	269 36	323 18	53 82	.....	20.0
Average daily wage, .....	1 09	1 11	02	.....	1.8
RUGS, YARNS, ETC.					
Capital invested, .....	4,935,733	5,308,418	372,685	.....	7.6
Cost of basic material, .....	1,520,280	2,199,454	679,174	.....	44.7
Average number of days, .....	254	281	27	.....	10.6
Number of employes, .....	2,768	2,855	87	.....	3.1
Aggregate wages paid, .....	915,538	1,210,648	295,110	.....	32.2
Value of product, .....	3,311,989	4,456,209	1,144,220	.....	34.5
Average yearly earnings, .....	330 76	424 04	93 28	.....	28.2
Average daily wage, .....	1 30	1 51	21	.....	16.2



	1896.	1905.	Gain.	Loss.	Per Cent.
CARPET YARNS.					
Capital invested, .....	\$928,500	\$1,151,333	\$222,833	.....	24.0
Cost of basic material, .....	784,240	1,536,969	752,729	.....	96.0
Average number of days, .....	265	282	17	.....	6.4
Number of employes, .....	538	670	132	.....	26.4
Aggregate wages paid, .....	181,463	274,383	92,920	.....	51.2
Value of product, .....	1,148,783	2,047,474	898,691	.....	78.2
Average yearly earnings, .....	337 29	409 52	72 23	.....	21.4
Average daily wage, .....	1 27	1 40	13	.....	10.2
COTTON YARNS.					
Capital invested, .....	1,171,200	1,481,727	310,527	.....	26.5
Cost of basic material, .....	722,185	1,058,263	336,078	.....	46.5
Average number of days, .....	266	300	34	.....	12.8
Number of employes, .....	653	656	3	.....	.5
Aggregate wages paid, .....	178,359	243,164	64,805	.....	36.3
Value of product, .....	1,078,630	1,572,736	494,106	.....	45.8
Average yearly earnings, .....	273 14	370 68	97 54	.....	35.7
Average daily wage, .....	1 03	1 24	21	.....	20.4
WORSTED, WOOLEN AND COTTON YARNS.					
Capital invested, .....	1,405,274	2,493,455	1,088,181	.....	77.4
Cost of basic material, .....	1,104,221	3,550,056	2,445,835	.....	221.5
Average number of days, .....	245	302	57	.....	23.3
Number of employes, .....	1,072	1,698	626	.....	58.4
Aggregate wages paid, .....	321,264	546,499	225,235	.....	70.1
Value of product, .....	1,798,409	4,825,562	3,027,153	.....	166.3
Average yearly earnings, .....	299 69	321 85	22 16	.....	7.4
Average daily wage, .....	1 22	1 06	.....	.16	13.1
WOOLEN BLANKETS, FLANNELS, ETC.					
Capital invested, .....	669,730	890,352	220,622	.....	32.9
Cost of basic material, .....	620,465	1,572,956	952,491	.....	153.5
Average number of days, .....	304	289	.....	15	4.9
Number of employes, .....	717	1,107	390	.....	54.4
Aggregate wages paid, .....	257,057	377,473	120,416	.....	46.8
Value of product, .....	1,282,412	2,661,240	1,378,828	.....	107.5
Average yearly earnings, .....	358 52	340 99	.....	\$17 53	4.9
Average daily wage, .....	1 18	1 18	.....	.....	.....

	1896.	1905.	Gain.	Loss.	Per Cent.
LACE GOODS.					
Capital invested, .....	\$741,000	\$1,803,098	\$1,062,098	.....	143.3
Cost of basic material, .....	190,439	482,211	291,712	.....	153.1
Average number of days, .....	274	295	21	.....	7.7
Number of employes, .....	763	1,638	875	.....	114.7
Aggregate wages paid, .....	193,765	504,718	311,953	.....	160.9
Value of product, .....	909,289	1,627,910	718,621	.....	79.0
Average yearly earnings, .....	253 95	308 13	54 18	.....	21.3
Average daily wage, .....	93	1 04	11	.....	11.8
CHENILLE GOODS.					
Capital invested, .....	400,000	760,000	360,000	.....	90.0
Cost of basic material, .....	239,851	1,071,107	831,266	.....	346.6
Average number of days, .....	284	295	11	.....	3.9
Number of employes, .....	460	725	265	.....	57.6
Aggregate wages paid, .....	113,738	262,665	148,927	.....	130.7
Value of product, .....	402,176	1,478,546	1,076,370	.....	267.6
Average yearly earnings, .....	247 26	362 16	114 90	.....	46.5
Average daily wage, .....	87	1 23	36	.....	41.4
UPHOLSTERY GOODS.					
Capital invested, .....	810,000	1,287,000	477,000	.....	58.9
Cost of basic material, .....	928,222	1,325,065	396,843	.....	42.7
Average number of days, .....	288	300	12	.....	4.2
Number of employes, .....	1,064	1,540	476	.....	44.7
Aggregate wages paid, .....	385,437	704,946	319,509	.....	82.9
Value of product, .....	1,687,495	2,803,263	1,115,768	.....	66.1
Average yearly earnings, .....	362 25	477 76	115 51	.....	31.9
Average daily wage, .....	1 26	1 52	26	.....	20.6
KNIT GOODS—UNDERWEAR.					
Capital invested, .....	1,750,000	2,059,223	309,223	.....	17.7
Cost of basic material, .....	1,759,305	2,096,790	337,485	.....	19.2
Average number of days, .....	271	297	26	.....	9.6
Number of employes, .....	2,323	2,435	102	.....	4.4
Aggregate wages paid, .....	611,923	708,149	96,226	.....	15.7
Value of product, .....	2,978,552	3,243,981	265,429	.....	8.9
Average yearly earnings, .....	262 29	290 82	28 53	.....	10.9
Average daily wage, .....	97	98	01	.....	1.0

	1896.	1905.	Gain.	Loss.	Per Cent.
<b>HOSIERY.</b>					
Capital invested, .....	\$1,997,318	\$4,443,908	\$2,446,590	.....	122.5
Cost of basic material, .....	1,626,945	3,260,548	1,633,603	.....	100.3
Average number of days, .....	256	293	37	.....	14.5
Number of employes, .....	4,757	7,356	2,599	.....	54.6
Aggregate wages paid, .....	1,130,215	2,294,918	1,164,703	.....	103.1
Value of product, .....	3,744,935	7,459,770	3,714,835	.....	99.2
Average yearly earnings, .....	237 59	311 98	74 39	.....	31.3
Average daily wage, .....	93	1 06	1 13	.....	14.0
<b>SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.</b>					
Capital invested, .....	1,374,700	2,042,500	667,800	.....	49.0
Cost of basic material, .....	2,273,478	5,607,675	3,334,197	.....	146.7
Average number of days, .....	274	301	27	.....	9.9
Number of employes, .....	2,229	4,321	2,092	.....	93.9
Aggregate wages paid, .....	543,285	1,211,048	667,763	.....	122.9
Value of product, .....	3,288,568	8,555,609	5,267,041	.....	160.2
Average yearly earnings, .....	243 73	280 27	36 54	.....	15.0
Average daily wage, .....	89	93	04	.....	4.5
<b>SILK—BROAD GOODS AND RIBBONS.</b>					
Capital invested, .....	1,843,882	2,018,171	174,289	.....	9.4
Cost of basic material, .....	919,273	2,909,733	1,990,460	.....	216.5
Average number of days, .....	300	292	.....	<b>8</b>	<b>2.7</b>
Number of employes, .....	1,672	3,366	1,694	.....	101.3
Aggregate wages paid, .....	420,638	1,146,482	725,844	.....	172.5
Value of product, .....	1,984,565	5,504,991	3,520,426	.....	177.4
Average yearly earnings, .....	251 58	340 61	89 03	.....	35.4
Average daily wage, .....	84	1 17	33	.....	39.0

## PIG IRON.

The figures for 1905 as to the production of pig iron furnish some impressions of the prosperous year just ended. Comparisons dating back to 1896 makes it plain that no year in the interim came anywhere near the output of 1905 with its unprecedented tonnage of 10,570,803 gross tons. In 1896, when this Bureau started to keep a record for comparison, there was produced in the entire State 4,026,350 tons, making an increase in 1905 of 6,544,453 tons or a gain of 162.5 per cent.

In 1896 the 4,026,350 tons sold for \$45,172,039; in 1905 the 10,570,803 tons brought \$162,716,176, making an increased value of \$117,544,137 or 260.2 per cent. over 1896. The increased value over 1904 is \$60,885,709 or 59.8 per cent.

The price per ton in 1896 was \$11.21 and in 1905 the average price per ton was \$15.39, or an increased selling price of \$4.18, a gain of 37.3 per cent.

As it is shown, that there was an increase in the value of production, it naturally follows there must have been an increased cost for the basic material from which pig iron was made. The tabulation shows that in 1896 the aggregate cost of basic material was \$26,251,420, while in 1905 the material cost \$81,370,127, an increased cost of \$55,118,707 or 210 per cent.

The number of workmen employed in 1896, not including office help or salaried officers, was 11,580; owing to the increase in tonnage as above stated, it became necessary in 1905 to employ 5,167 more working people, or a total of 16,747, an increase of 44.6 per cent.

A furnace is supposed to be in blast the entire year, but in placing all the furnaces together, considered as one proposition, it is necessary to average the days in blast. Some furnaces may go into blast the last part of the year and others be blown out. Therefore it is shown that the average number of days of employment in 1896 were 289, which leads to the conclusion that all the furnaces were not in blast continuously; but when it is shown that in 1905 all the furnaces averaged 330 days, the men worked nearly full time.

Total amount of wages paid in 1905 amounted to \$10,532,928, in 1896 only \$4,589,165 were paid out in the making of pig iron, a difference in favor of 1905 of \$5,943,763 or a gain of 129.5 per cent.

Average yearly earnings advanced from \$396.30 in 1896 to \$628.94 in 1905, a gain of \$232.64, or an increase in yearly earnings of 58.7 per cent.

The advance in the average daily wage is noticeable. The daily

wage in 1896 averaged \$1.37, and in 1905, it is shown that \$1.91 was the average daily wage, a gain of 54 cents, or a percentage equal to 39.4.

Twenty-three counties in the State produce pig iron.

### IRON AND STEEL.

The manufacture of iron and steel in 1905 has broken all records and thereby marks an epoch in this particular industry. The onward march of improvement in this country seems to have no limitation; this great iron and steel producing state has played a very important part in it.

The production of steel bessemer was 4,494,268 gross tons; open hearth steel, 6,101,616 gross tons; crucible steel and other processes, 82,951 gross tons; steel ingots and castings, 169,859 gross tons, making a grand total of 10,848,692 gross tons, while in 1896 the total was only 3,345,529 gross tons, showing a gain in the annual output of 7,503,163 gross tons representing an increase of 224.3 per cent.

The steel plants and rolling mills made a rolled product, i. e., rolled into finished form, amounting to 9,210,060 gross tons, such as rails 1,113,841 gross tons; structural shapes 1,389,707 gross tons; plates and sheets 2,310,478 gross tons; cut nails and spikes 34,212 gross tons, and other miscellaneous product amounting to 4,361,820 gross tons.

In 1896 the mills produced a rolled product amounting to 3,309,884 gross tons, which shows an increase of 5,900,176 gross tons or 178.2 per cent.

In comparing the year 1896 with 1905 as to the output of steel rails, plates and sheets, cut nails and cut spikes, the following is shown

Rails, 1896, 674,651 tons; 1905, 1,113,841 tons, a gain of 439,190 tons or 65.1 per cent.

Plates and sheets, 1896, 630,861 tons; 1905, 2,310,478 tons, a gain of 1,679,617 tons or 266.2 per cent.

Cut nails and spikes, 1896, 28,840 tons; 1905, 34,212 tons, a gain of 5,372 tons or 18.6 per cent.

The aggregate wages paid to workmen in 1896 amounted to \$23,832,628 against \$70,943,628, which shows a difference in favor of 1905 of \$47,111,000 or 197.7 per cent.

More than twice the number of people worked in the making of iron and steel in 1905 than were employed in 1896. The figures given for 1896 are 53,573, and in 1905 the number is 113,295, showing a gain of 59,722 or 111.5 per cent.

The mills worked more steadily in 1905 than they did in 1896, i. e., 251 were the average days of employment in 1896 while in 1905 all the mills averaged nearly full time, 297 days.



The average yearly earnings are largely based upon the days worked, the exception to this would be an advance in wages, consequently the yearly earnings advanced from \$444.89 in 1896 to \$626.19 in 1905, making an increase of \$181.30 or 40.9 per cent.

The average daily wage advanced from \$1.77 in 1896 to \$2.11 in 1905, which is equal to 19.2 per cent.

The labor cost in producing a ton of iron and steel advanced from \$6.34 in 1896 to \$7.70 in 1905, an increased cost of \$1.36 or 21.4 per cent.

Thirty-four out of the sixty-seven counties produced rolled iron and steel.

#### TIN PLATE—(Black Plate Works.)

The manufacture of tin plate in the State becomes an interesting study in watching its growth, as it is comparatively a new industry, being fostered by protective laws.

In the black plate works invested capital in 1896 amounted to \$3,627,275, and now it is shown that there are \$8,734,180 to conduct this business. This is an increase of \$5,106,905 or a gain of 140.8 per cent.

Black plate produced and tinned in 1896 was 97,814,762 pounds, while in 1905 the total production amounted to 599,281,700 pounds, an increase over 1896 of 501,466,938 pounds or 512.7 per cent.

In addition to the above there were produced at these works 28,838,659 pounds of black plate "not tinned," making a total of 628,120,359 pounds of tinned and untinned in 1905 against 158,306,490 pounds in 1896. Showing a gain in favor of last year of 469,813,869 pounds or 296.8 per cent.

#### Market Value of Tin and Terne Plate.

In 1896 the production sold for \$3,157,699 and year by year it has steadily risen in value with the exception of 1902 and 1904, in which there was a slight decline; 1905 shows a total value of \$19,231,072 or 509 per cent. gain.

The value of the plate not tinned amounted to \$1,480,112 in 1896 against \$735,536 in 1905. This loss is accounted for when it is understood that the black plate works are tinning most of their black plate. The total value of the black plate works output in 1896 amounted to \$4,637,811 against \$19,966,608 in 1905, showing an increase of \$15,328,797 or 330.5 per cent.

The average number of people employed in 1896 were 3,194 and 8,280 were given employment in 1905, a gain of 5,086 or 159.2 per cent.



Aggregate amount of wages paid in 1896 was \$1,437,226 against \$5,269,152 paid to the wage earners in 1905, showing a gain of \$3,831,926 or 266.6 per cent.

The yearly earnings for the wage earner amounted in 1896 to \$456.55, in this year the average yearly earnings are shown to be \$636.37, an increase of \$179.82 or 39.4 per cent.

The average daily wage in 1896 was \$1.80, in 1905, \$2.36, or an advance of 31.1 per cent.

In 1896 there was no separation of sexes with regard to wages, but in 1905 the Bureau made inquiry and found the daily average wage for males was \$2.41 female \$1.30 and minors; males \$.85 and females \$.78.

### TIN PLATE (Dipping Works and Black Plate Works).

The combined production of tin and terne plate by the black plate and dipping works in 1896 shows a total of 139,588,703 pounds and in 1905 these works produced 603,511,991 pounds, a gain of 463,923,288 pounds, or the latter year exceeded the former stated year by 332.4 per cent.

In the value of production the reader's attention is called to the pronounced increase when it is stated that in 1896 the value amounted to \$5,045,097 and in 1905 it amounted to \$20,791,654, a gain of \$15,746,557 or 312.1 per cent.

The value per one hundred pounds fluctuated, but there has been a steady decline since 1900, at which time the price was \$4.38. In 1905 the average price was \$3.44 per hundred pounds.

### ANTHRACITE COAL.

In 1905 the total tonnage (gross) of coal mined and sold was 61,634,226 tons against 64,595,664 tons in 1903, when this Bureau first began the collection of statistics on this industry. The production in 1903 was 2,961,438 tons more than in 1905, and the value was reduced \$8,228,982 in consequence, but there were 9,511 more working people engaged in the mining. That is, 157,955 were employed in 1903 and in 1905 there were 167,466 people employed, which is equal to 6 per cent. increase.

It follows that more wages were paid in 1905 than in 1903. Aggregate wages paid to the said employes amounted to \$87,178,257 in 1905, while in 1903 the figures show that \$77,624,281 were paid, an increase to the wage earners of \$9,553,976 or 12.3 per cent.

Reduced to yearly earnings the result for 1903 shows the average earning of all the employes to have been \$491.43 against \$520.57 in 1905, a gain of \$29.14 or 5.9 per cent. This average includes 24,348

boys working in the breakers, commonly known as slate pickers, and, as the name implies, picking the slate from the coal. On a preceding page of the report will be found more in detail the average yearly earnings of the different classes of labor. For instance, the miners who cut and mine the coal averaged \$690.34 for the year 1905, while the breaker boys only averaged \$286.64.

The mining of coal does not furnish steady employment to the men. If a breaker, where the coal is finally prepared for market, runs twenty days to the month it is considered full time; therefore when it is shown that the mines furnished 232 days of employment in 1905 it was practically full time. Of course, under favorable conditions this rule will not hold good. It is a difficult matter to get the average days in operation as causes arise where many of the mines are not worked full days. In reality there are two propositions to deal with, one is the mining of the coal and the other is its preparation for the market. The miners and inside men may be working when the breaker is idle, and the breaker may be working when the miners are idle. The mines and breakers are dependent, but the breaker can prepare the coal faster than it can be mined at most of the collieries.

#### WASHERY COAL.

Such a thing as washed coal was unheard of twenty years ago, but now the fine coal that was thrown away as of no value is being utilized for steam purposes by washing it.

By this method the culm banks are disappearing very rapidly. What was once considered a waste product yielded 2,904,900 tons of merchantable coal in 1905, with a value of \$1,818,062, giving employment to 1,490 people earning \$574,329.

#### DREDGED COAL.

In the early days of mining Anthracite it was customary to dump the refuse coal along streams or banks of rivers and thus get rid of it by having it washed away. From this source has sprung an active and profitable industry along the Susquehanna and Schuylkill. Whenever these rivers have floods or freshets this fine or culm bank coal is carried many miles down stream, giving people, who live along the banks, employment dredging it from the bottom.

In 1905 there were 174 men engaged in this business, securing 84,924 tons of coal which they sold for \$73,849.

Ten counties produce Anthracite.

#### BITUMINOUS COAL.

116,263,504 tons (net) were mined and sold in 1905 and in 1903 there

were mined and sold 101,113,290 tons, showing a gain for 1905 of 15,150,214 net tons or 14.9 per cent.

The market value of product declined from \$128,991,363 in 1903 to \$104,231,121 in 1905. This increased tonnage with a decreased value is accounted for by business conditions then existing. The strike in 1902 was of nearly six months' duration in the Anthracite section of the State, which exhausted the stock on hand and left the market in receptive condition for the Bituminous produce of 1903. Supply and demand regulate prices in this case, the average of Bituminous coal reached \$1.28 per ton f. o. b. When its natural rival again resumed business the price fell until it has reached in 1905 normal, 82 cents per ton.

In 1903 there were employed 145,880 people in Bituminous mining. In 1905, 153,141 people were engaged in the same work, which shows an increase of 7,261 or 5 per cent.

Aggregate amount of wages paid in 1903 was \$78,857,502 while in 1905 the wage earners received \$76,966,725, an increase in the amount paid out of \$1,890,777 or 2.4 per cent.

The average yearly earnings fell from \$540.69 in 1903 to \$502.58 in 1905, showing an average decrease of \$38.11 or 7 per cent.

In reckoning the average yearly or daily wage the method of computation assumes that each person employed, as reported to the Bureau, worked every day the mines were operated during the year. Approximately this is correct, but the figures obtained do not claim to be absolutely exact, for the reason that among the class of labor generally employed in mining, a large part is composed of men of irregular habits, and these, from various causes attending, lose time while the mines are in actual operation. As a result the steadier workers earn more money than the average here stated, the others earn less.

From Bituminous coal 27,041,826 tons of coke were produced, with a value of \$36,532,893, giving employment to 11,034 coke workers, who received therefore, \$5,947,735.

Twenty-five counties in the State produce Bituminous coal.



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Engines and boilers, ..... 36,65,94,122,150,178,206,234,262,290,318,519	
Engines and iron vessels, ..... 37,66,95,123,151,179,207,235,263,291,319,520	

## F.

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Fibre goods, textile, ..... 563,573	
Files, ..... 38,67,96,124,152,180,208,236,264,292,320,522	
Fire brick, ..... 46,75,104,132,160,188,216,244,272,300,328,344,531	
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## G.

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 Hats and caps, .....48,77,106,134,162,190,218,246,274,302,330,345,535  
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## M.

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## P.

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Rope, twine and cordage, .....	44,73,102,130,158,186,214,242,270,298,326,529
Rope, wire, .....	31,60,89,117,145,173,201,229,257,285,313,341,512
Rugs, yarns, .....	53,82,110,138,166,194,222,250,278,306,334,541

## S.

Safes and vault doors, .....	40,69,98,126,154,182,210,238,266,294,322,524
Saws, .....	39,68,96,124,152,180,208,236,264,292,320,523
Scales, .....	32,61,90,118,146,174,202,230,258,286,314,513
Shirts and shirt waists, .....	50,79,108,136,164,192,220,248,276,304,332,346,537
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Silk ribbons, .....	57,86,114,142,170,198,226,254,282,310,338,349,545
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Stacks, boilers, tanks, .....	37,66,95,123,151,179,207,235,263,291,319,520
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Suspenders, .....	48,77,106,134,162,190,218,246,274,302,330,345,535

## T.

Tacks and small nails, .....	31,60,88,116,144,172,200,228,256,284,312,340,511
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Wire goods, .....	32,61,89,117,145,173,201,229,257,285,313,512
Wire nails, rivets, .....	30,59,88,116,144,172,200,228,256,284,312,340,511
Wire rope, .....	31,60,89,117,145,173,201,229,257,285,313,341,512
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Woolen and worsted fabrics, .....	52,81,110,138,166,194,222,250,278,306,334,540
Woolen and worsted goods, textile, .....	557,574
Wrenches and picks, .....	34,63,92,120,148,176,204,232,260,288,316,516
Wrought iron pipe and tubes, .....	35,64,92,120,148,176,204,232,260,282,316,341,517

## Y.

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Yarns, rugs, .....	53,82,110,138,166,194,222,250,278,306,334,541
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